

51335-1-U

Delaware Agricultural Statistics Summary



1988



STATE OF DELAWARE
DEPARTMENT OF AGRICULTURE



Dear Friend of Agriculture:

I am pleased to present the 1988 summary of Delaware Agricultural Statistics.

Agriculture is the most important industry in the State of Delaware, providing us with the essential food and fiber we have come to depend on. Even though less than 2% of Delawareans are farmers, we boast production figures that rank us in the top of American agriculture in many categories.

Delaware agriculture marked another first during 1989 with the hiring of the first-ever State Statistician assigned exclusively to Delaware. I would like to thank Tom Feurer, State Statistician, National Agricultural Statistics Service, USDA, and Bruce West, State Statistician, National Agricultural Statistics Service, and his staff at the Maryland Statistics Service for their assistance with this publication. For the many farmers who took time away from their busy schedules to furnish this information, it goes without saying that this summary could not have been completed without your help.

I hope you will find this information helpful in making those important decisions regarding the future of Delaware agriculture.

Sincerely,

William B. Chandler, Jr.
Secretary of Agriculture

DELAWARE AGRICULTURAL STATISTICS

SUMMARY FOR 1988

Issued Cooperatively By

Delaware Department Of Agriculture
William B. Chandler, Jr., Secretary of Agriculture
Roland Derrickson, Deputy Secretary of Agriculture

United States Department Of Agriculture
National Agricultural Statistics Service
Charles E. Caudill, Administrator

PREPARED BY THE

Delaware Agricultural Statistics Service
Tom Feurer, Delaware State Statistician

STATISTICIANS

M. Bruce West
Vince Matthews
Carroll D. Homann
Linda Gabel

COMPUTER SERVICES

Lynne M. Huff
Mary Frances Lutzio

SUPPORT STAFF

Margaret M. Slavinski
E. May Rhoten

Gale Fierstein
Paulette Holloway

Judith C. Eyler
David Chorba

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FOREWORD

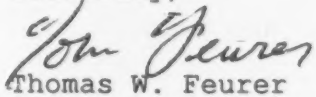
We will remember the 1988 summer as hot and dry, the second in a row to hold down production of our major crops, and a cause of significant stress to poultry and livestock. In the wake of lower yields came higher crop prices, though, and coupled with strong demand for broilers resulted in a 22 percent increase in gross farm income, a new record.

All through the season farmers, extension agents, and other knowledgeable people throughout Delaware provided the timely information on crop and livestock conditions that kept everyone informed. The Delaware Agricultural Statistics Service staff offers our thanks for your continued help.

Special efforts by May Rhoten of the Maryland Department of Agriculture, and Cathy Mesick of the Delaware Department of Agriculture, went into getting this summary typed and put together -- a special thanks to them both. I also want to thank Delmarva Poultry Industry, Inc., for their sponsorship of our cover this year.

I came to Dover in January 1989 as the First State's first State Statistician, the position intended to be an expansion of the service provided by the Agricultural Statistics office in Annapolis, Maryland. I look forward to serving you, welcome your comments, and hope you find this annual summary useful.

Sincerely,



Thomas W. Feurer
State Statistician

Highlights

	<u>1988</u>		<u>1988</u>
Number Of Farms	3,000	Gross Farm Income	\$641,700,000
Average Size Farm	197 Acres	Farm Prod. Expenses	\$425,900,000
Value Of Land & Bldgs.	\$1,308,000,000	Gross Income Per Farm	\$214,000
Avg. Value Per Operating Unit	\$436,000		

Livestock And Products

<u>Commodity</u>	<u>Inventory</u>	<u>Marketings</u>	<u>Cash Receipts</u>
		<u>1988</u>	<u>1988</u>
Broilers	---	1,087,275,000 lbs.	\$396,855,000
Broilers	---	217,455,000 head	-----
Milk	---	135,000,000 lbs.	17,290,000
Cattle And Calves (Jan. 1, 1989)	29,000	7,895,000 lbs.	3,308,000
Hogs And Pigs (Dec. 1, 1988)	33,000	18,458,000 lbs.	9,622,000
Eggs	---	146,000,000 eggs	12,897,000
Farm Chickens (Dec. 1, 1988)	986,000		566,000
Miscellaneous (Honey, Beeswax, Horses, Mink Pelts, Sheep And Lambs, etc.)			3,120,000
Total Livestock & Livestock Products			\$443,658,000

Crops And Products

<u>Commodity</u>	<u>Acres Harvested</u>	<u>Production</u>	<u>Cash Receipts</u>
	<u>1988</u>	<u>1988</u>	<u>1988</u>
Corn For Grain	140,000	9,800,000 Bu.	\$20,989,000
Soybeans	225,000	6,075,000 Bu.	41,229,000
Greenhouse And Nursery	----	-----	31,500,000
Wheat	63,000	3,276,000 Bu.	10,643,000
Apples	----	19,000,000 Lbs.	3,944,000
Hay	26,000	68,000 Tons	1,012,000
Barley	30,000	2,160,000 Bu.	3,360,000
Peaches	----	3,100,000 Lbs.	660,000
Potatoes	8,400	1,806,000 Cwt.	16,142,000
Sweet Corn (Processing)	5,300	26,390 Tons	1,821,000
Green Peas (Processing)	7,700	11,780 Tons	2,120,000
Mushrooms	----	-----	3,733,000
Other Crops	----	-----	875,000
Other Vegetables And Melons	----	-----	16,414,000
Total All Crops	----	-----	\$154,442,000
All Commodities	----	-----	\$598,100,000

Counting Up the Sheaves

Michael H. Mc Grath
Manager, Agricultural Lands Preservation
Delaware Department of Agriculture

Measuring the dimensions of farming has always been a passion in the United States. No wonder since the production of food and fiber remains the most vital interest of mankind. But why this preoccupation with counting the "fruits of our labors"?

In earliest times there must have been a keen interest in knowing the size of the harvest. These counts made it possible to plan for the winter and the lean times -- crucial information for ancient man. The honored enumerator of Biblical times was Joseph who "gathered corn as the sand of the sea, very much, until he left numbering; for it was without number." (Genesis 41:49, KJV). His prudence allowed Egypt to endure the seven years of the Famine. Over the centuries almost every major empire and nation has levied taxes on crops, requiring enumeration. Some of these surveys have even fomented insurrection, such as the Corn Laws. In modern times the reasons for the counting of agricultural production have changed.

With the rise of economics as a science in the last half of the 19th century, measuring agricultural inputs and outputs became extremely important. The economist's need for better figures and the abilities of the statistician to deliver, revolutionized agricultural statistics. These improved data allowed the development of U.S. farm programs based on the predictability of harvests and costs. Whole markets for futures and options, based on better information, served to stabilize and formalize both domestic and international arrangements for farm product marketing. Agricultural information has formed the basis for modern world trade.

The Delaware farmer has learned to follow the trends in production and costs. He compares his own performance and adjusts according to his judgement of future prospects. He blends this data with the prognostications of experts. Every Delaware farmer should be using the statistics in this book to improve his performance and evaluate future prospects. But perhaps there is another use to which he should put this compendium of facts on Delaware agriculture.

The farmer's "city cousin" is vitally interested in farm statistics, too. Like the ancient pharaoh (who was no more than a "city boy"!), he is vitally interested in food production -- it is his daily bread. But often he knows precious little of the dimensions of farm production and the vital role of agriculture in the state's economy. The farmer's urban neighbors will influence many critical, public decisions that will affect the vital interests of the farmer. It is more important than ever that these urban voters have a working knowledge of the size and extent of agriculture.

The agricultural statistics in this book can serve as a vital link between farmer and non-farmer. It behooves every person interested in the future of agriculture in Delaware to share this information with his uninformed, or even misinformed, neighbor. When our fellow citizens are adequately informed we can be more confident that better decisions about the future of agriculture in Delaware will result. Not unlike Egypt, Delaware's future will be more secure because we accurately measure the present.

Percent Probability Of Last 32 Degree F. Temperature
Occurring On/ Or After Date In Spring

Station	10% 1 Yr. In 10	33% 1 Yr. In 3	50% 1 Yr. In 2	67% 2 yrs. In 3	90% 9 Yrs. In 10
Wilmington	Apr 24	Apr 16	Apr 12	Apr 08	Mar 31
Newark	May 10	Apr 29	Apr 23	Apr 17	Apr 06
Dover	Apr 19	Apr 12	Apr 08	Apr 04	Mar 28
Georgetown	May 06	Apr 27	Apr 22	Apr 17	Apr 08

Percent Probability Of First 32 Degree F. Temperature
Occurring On/ Or After Date In Fall

Station	10% 1 Yr. In 10	33% 1 Yr. In 3	50% 1 Yr. In 2	67% 2 Yrs. In 3	90% 9 Yrs. In 10
Wilmington	Oct 15	Oct 24	Oct 29	Nov 03	Nov 12
Newark	Oct 05	Oct 15	Oct 20	Oct 25	Nov 03
Dover	Oct 14	Oct 22	Oct 27	Nov 01	Nov 09
Georgetown	Oct 02	Oct 11	Oct 16	Oct 21	Oct 30

Average Monthly And Annual Precipitation By County And State With Departures 1987
Delaware

Month	New Castle		Kent		Sussex		State	
	Total Precip.	Departure Fr. Normal	Total Precip.	Departure Fr. Normal	Total Precip.	Departure Fr. Normal	Average Precip.	Departure Fr. Normal
January	4.99	+1.86	5.75	+2.51	8.24*	+4.81*	6.93*	+3.61*
February	1.37	-1.50	1.20	-1.66	1.91	-1.32	1.60	-1.46
March	1.68	-2.09	2.42	-1.45	3.77	-0.02	3.01	-0.80
April	3.24	-0.30	3.85	+0.64	3.27	-0.10	3.45	+0.10
May	3.77	+0.41	4.44	+0.94	3.26	-0.24	3.72	+0.24
June	2.21	-1.48	1.43	-2.18	2.29	-1.80	2.00	-1.87
July	3.59	-0.41	2.79	-1.48	1.80	-3.27	2.40	-2.25
August	2.43	-1.74	2.14	-2.98	1.70	-2.71	1.95	-2.65
September	5.96	+2.37	4.24	+0.10	1.74*	-1.77*	3.20*	-0.52*
October	2.26	-0.91	2.34	-1.22	3.27	-0.05	2.80	-0.51
November	4.04	+0.66	2.93	-0.60	2.79	-0.31	3.03	-0.25
December	2.25	-1.30	2.67	-0.86	3.26	-0.28	2.91	-0.63
Annual Total	37.79	----	36.20	----	37.28*	----	37.01*	----
Departure From Normal		-4.43		-8.24		-6.96		-6.98

Temperatures: Monthly & Annual Average By County & State With Departures 1987
Delaware

Month	New Castle		Kent		Sussex		State	
	Avg. Temp.	Departure Fr. Normal	Avg. Temp.	Departure Fr. Normal	Avg. Temp.	Departure Fr. Normal	Average Temp.	Departure Fr. Normal
January	31.4	-0.2	34.1	-0.3	34.1	+0.4	33.7	+0.1
February	32.2	-1.3	33.6	-2.8	32.7	-3.3	32.9	-2.8
March	45.1	+3.1	47.4	+3.1	45.1	+1.3	45.8	+2.1
April	52.6	-0.1	53.8	0.0	51.4	-2.4	52.4	-1.5
May	63.9	+1.5	65.9	+1.7	64.5	+1.5	64.9	+1.6
June	73.8	+2.6	76.7	+4.1	75.1	+3.7	75.4	+3.6
July	78.8	+3.1	81.4	+4.4	79.3	+3.4	79.9	+3.7
August	74.4	-0.1	77.4	+1.6	75.6	+0.8	76.0	+0.9
September	68.3	-0.5	71.3	+1.7	70.8	+2.2	70.6	+1.8
October	51.9	-4.5	55.1	-3.5	54.8	-2.8	54.4	-3.3
November	47.9	+2.1	52.2	+4.0	51.2	+3.4	51.0	+3.4
December	38.7	+3.0	42.2	+3.8	41.7	+3.5	41.1	+3.5
Annual Avg.	54.9	---	57.6	---	56.4	---	56.6	---
Departure From Normal		+0.8		+2.1		+1.0		+1.1

Average Monthly And Annual Precipitation By County And State With Departures 1988
Delaware 1/

Month	New Castle Total Precip.	New Castle Departure Fr. Normal	Kent Total Precip.	Kent Departure Fr. Normal	Sussex Total Precip.	Sussex Departure Fr. Normal	State Average Precip.	State Departure Fr. Normal
January	2.68	-0.45	3.58	-0.34	3.88	+1.45	3.60	+0.28
February	4.01	+1.14	4.57	+1.71	3.78	+0.55	4.07	+1.01
March	2.08	-1.69	2.35	-1.52	3.03	-0.76	2.66	-1.15
April	3.13	-0.41	2.63	-0.58	2.62	-0.75	2.70	-0.65
May	6.04	+2.68	5.23	+1.73	3.95	+0.45	4.69	+1.21
June	0.85	-2.84	1.96	-1.65	0.97	-3.12	1.27	-2.21
July	6.44	+2.44	4.19	-0.08	6.48	+1.41	5.74	+1.09
August	4.36	+0.19	3.98	+1.14	3.30	-1.11	3.68	-0.92
September	2.63	-0.96	2.72	-1.42	2.21	-1.30	2.44	-1.28
October	2.03	-1.14	2.57	-0.99	2.63	-0.57	2.52	-0.79
November	5.77	+2.39	5.74	-2.21	4.29	-1.19	5.30	+2.02
December	0.98	-2.57	0.82	-2.71	0.40	-3.42	0.62	-2.92
Total	41.00		40.34		37.54		39.00	
Departure From Normal		-1.22		-4.10		-6.70		-4.99

Temperatures: Monthly & Annual Average By County & State With Departures 1988
Delaware

Month	New Castle Average Temp.	New Castle Departure Fr. Normal	Kent Average Temp.	Kent Departure Fr. Normal	Sussex Average Temp.	Sussex Departure Fr. Normal	State Average Temp.	State Departure Fr. Normal
January	27.7	-3.9	31.6	-2.8	31.2	-2.5	30.8	-2.8
February	34.9	+1.4	38.7	+2.3	38.4	+2.4	38.0	+2.3
March	43.9	+1.9	45.7	+1.4	46.2	+2.4	45.7	+2.0
April	50.3	-2.4	52.7	-2.0	51.5	-2.3	51.7	-2.2
May	62.8	+0.4	64.4	+0.2	62.4	-0.6	63.1	-0.2
June	71.5	+0.3	73.7	+1.1	73.1	+1.7	73.0	+1.2
July	79.1	+3.4	80.8	+3.8	79.1	+3.2	79.6	+3.4
August	77.3	+2.8	78.8	+3.0	78.7	+3.9	78.5	+3.4
September	65.7	-2.1	67.8	-1.8	67.7	-0.9	67.4	-1.4
October	51.0	-5.4	52.9	-5.7	53.9	-3.7	53.1	-4.6
November	46.9	+1.1	49.7	+1.5	50.0	+2.2	49.4	+1.8
December	35.4	-0.3	39.0	+0.6	38.8	+0.9	38.3	+0.4
Annual Average	53.9	---	56.3	---	55.9	---	55.7	---
Departure From Normal		-0.2		+0.1		+0.5		+0.2

¹Source: National Climatic Data Center, National Oceanic & Atmospheric Administration.

* Revised

Farm Numbers And Acreage, 1970 - 1988

Year	Delaware Number of Farms	Delaware Ave. Acres Per Farm	Delaware Total Land In Farms	U.S. Number of Farms ¹	U.S. Ave. Acres Per Farm	U.S. Total Land In Farms
			Thous. Acres	Thous. Farms		Million Acres
1970	3,900	183	715	2,949	374	1,102
1975	3,700	186	690	2,521	420	1,059
1976	3,600	189	680	2,497	422	1,054
1977	3,500	191	670	2,456	427	1,048
1978	3,500	190	665	2,436	429	1,045
1979	3,600	183	660	2,432	428	1,042
1980	3,500	186	650	2,434	425	1,034
1981	3,500	186	650	2,433	427	1,039
1982	3,500	189	660	2,401	428	1,028
1983	3,500	186	650	2,370	432	1,024
1984	3,600	183	660	2,328	438	1,019
1985	3,500	186	650	2,275	446	1,014
1986	3,200	200	640	2,212	455	1,008
1987	3,100	200	620	2,176	461	1,003
1988	3,000	200	590	2,159	463	999

¹Prior to 1975 a farm was considered any place with less than 10 acres having sales of \$250 or more or places of 10 acres or more with \$50 of sales. Beginning in 1975 the definition of a farm is a place that sells or normally would sell \$1,000 of agricultural produce.

Real Estate Value, Delaware 1976 - 1989

Year	Value of Land & Bldgs. Total	Value of Land & Bldgs. Per Acre	Total Value of Farm Bldgs.	Ave. Value Per Operating Unit
	<u>Million Dollars</u>	<u>Dollars</u>	<u>Million Dollars</u>	<u>Dollars</u>
1976	758	1,114	123	210,500
1977	837	1,250	151	239,200
1978	898	1,350	163	256,600
1979	990	1,500	182	275,000
1980	1,141	1,798	211	326,000
1981	1,198	1,928	219	342,300
1982	1,179	1,787	214	337,000
1983	1,189	1,829	213	338,700
1984	1,231	1,866	218	342,000
1985	1,067	1,642	188	304,943
1986	1,124	1,757	196	351,388
1987	1,100	1,775	190	354,902
1988	1,118	1,895	191	372,648
1989	1,308	2,217	221	435,999

Cash Rents For Specified Categories, Delaware 1982 - 1989

Item	1982	1983	1984	1985	1986	1987	1988	1989
	<u>Dollars Per Acre</u>							
All Farms	57.50	57.30	66.22	63.30	64.00	59.50	55.20	52.30
Crop Land	60.50	59.10	66.90	66.80	64.50	61.40	51.70	57.10

Crops

General

Calendar year 1988 saw temperatures slightly above normal for the year but well above normal for February and March and again for June through August and yet again for November and December. The remaining months, January, April, May, September and October had temperatures below normal. The fall of 1987, when the small grains for the 1988 crop were planted, was dry and generally hot except October which was dry and cool. The drier than normal conditions delayed planting initially, then it became a matter of planting or not planting, so small grains were planted in spite of the dryness. The winter of 1987 - 1988 was warmer than normal with enough precipitation for good growth. Harvest weather for small grains was good and all were harvested on schedule. The 1988 corn crop was planted by the end of June, which is on schedule, and looked good through July. Then came the dry months of August, September and October. Soybean planting got off to a good start in June but was delayed somewhat in the wet, hot month of July, and ended one week later than normal. Harvest of soybeans began and ended on schedule.

Corn

Corn for grain production in Delaware totaled 9.80 million bushels for 1988, 9 percent below 1987's 10.80 million bushels and 49 percent below the record 19.08 million bushel produced in 1985. Corn for grain yielded an average 70 bushels per acre in 1988, 3 bushels below last year's average, and 43 bushels below the record yield of 113 bushels for the 1984 crop. The acres of corn harvested for grain, at 140,000 acres, was 5 percent below 1987. Corn silage production at 104,000 tons was 17 percent below 1987's production of 126,000 tons. Silage corn averaged 13 tons per acre, 4 tons above 1987's 9 ton average. Corn silage was harvested from 8,000 acres, 6,000 acres below the record of 14,000 acres harvested in 1987.

Soybeans

Delaware's soybean growers produced 6.08 million bushels of soybeans in 1988, 44 percent above last year's production of 4.23 million bushels but 26 percent below the record production of 8.25 million bushels for the 1979 crop. Soybeans yielded an average 27 bushels per acre for the 1988 crop, 9 bushels above 1987's average, but 3 bushels below the record yielding crop of 30 bushel per acre for the 1979 and 1985 crops. Soybeans were harvested from 225,000 acres, 4 percent below 1987 when 235,000 acres were harvested.

Small Grains

Small grains fared well in 1988 in spite of the drier than normal beginning and a milder than normal winter with enough precipitation for good growth. Small grains were harvested on schedule. Winter wheat and barley had record yields for 1988 and wheat production was also at a record level. Winter wheat production for 1988 totaled a record 3.28 million bushels, 63 percent above last year's production of 2.02 million bushels. Wheat for 1988 yielded a record 52 bushels per acre, 4 bushels above the previous record of 48 bushels for the 1985 wheat crop. Wheat was harvested from 63,000 acres in 1988, up 15,000 acres from the 48,000 acres harvested in 1987. The 1988 barley crop yielded a record 72 bushels per acre, 10 bushels above the previous record of 62 bushels per acre in 1987. Production of barley for 1988 totaled 2.16 million bushels, down 33 percent from the 1987 production of 3.22 million bushels. A decrease of 22,000 acres harvested, to 30,000 acres for 1988, more than offset the record yield for the decrease in production. Rye production for the 1988 crop totaled 124,000 bushels, 25 percent above the 99,000 bushels produced in 1987. Rye yielded an average 31 bushels per acre, 2 bushels below 1987. Rye was harvested from 4,000 acres in 1988, 1,000 acres more than 1987's 3,000 acres.

Crops: Acreage, Yield, Production And Value, Delaware 1982 - 1988

Crop	Year	Acreage		Unit	Production		Season Average Price	Value of Production
		Planted	Harvested		Per Acre	Total		
		Thous. Acres				Thous.	Dollars Per Unit	Thous. Dollars
Corn, All	1982	188	188	--	---	---	---	---
	1983	155	154	--	---	---	---	---
	1984	160	159	--	---	---	---	---
	1985	185	184	--	---	---	---	---
	1986	180	178	--	---	---	---	---
	1987	165	162	--	---	---	---	---
	1988	150	148	--	---	---	---	---
Corn, For Grain	1982	---	177	Bu.	102.0	18,054	2.56	46,218
	1983	---	145	Bu.	75.0	10,875	3.76	40,890
	1984	---	150	Bu.	113.0	16,950	2.95	50,003
	1985	---	175	Bu.	109.0	19,075	2.45	46,734
	1986	---	169	Bu.	83.0	14,027	1.77	24,828
	1987	---	148	Bu.	73.0	10,804	2.10	22,688
	1988	---	140	Bu.	70.0	9,900	3.10	30,380
Corn, Silage	1982	---	10	Tons	15.0	150	24.50	1,838
	1983	---	8	Tons	14.0	112	26.50	1,855
	1984	---	8	Tons	16.0	128	21.00	2,688
	1985	---	7	Tons	15.0	105	16.00	1,680
	1986	---	9	Tons	11.0	99	---	---
	1987	---	14	Tons	9.0	126	---	---
	1988	---	8	Tons	13.0	104	---	---
Wheat, Winter	1982	59	58	Bu.	40.0	2,320	3.00	6,960
	1983	55	54	Bu.	39.0	2,106	3.41	7,181
	1984	50	49	Bu.	41.0	2,009	3.30	6,630
	1985	45	43	Bu.	48.0	2,064	2.98	5,944
	1986	40	34	Bu.	45.0	1,530	2.44	3,733
	1987	50	48	Bu.	42.0	2,016	2.45	4,939
	1988	65	63	Bu.	52.0	3,276	3.55	11,630
Soybeans	1982	275	270	Bu.	24.0	6,480	5.65	36,612
	1983	255	250	Bu.	29.0	7,250	7.86	56,985
	1984	260	250	Bu.	24.0	6,000	5.87	35,220
	1985	245	240	Bu.	30.0	7,200	5.00	36,000
	1986	245	240	Bu.	24.0	5,760	4.84	27,878
	1987	240	235	Bu.	18.0	4,230	5.90	24,957
	1988	230	225	Bu.	27.0	6,075	7.65	46,474
Barley	1982	44	38	Bu.	57.0	2,166	1.80	3,899
	1983	61	53	Bu.	55.0	2,915	1.95	5,684
	1984	55	50	Bu.	55.0	2,750	2.15	5,913
	1985	63	57	Bu.	58.0	3,306	1.45	4,794
	1986	55	50	Bu.	61.0	3,050	1.35	4,118
	1987	55	52	Bu.	62.0	3,224	1.20	3,869
	1988	35	30	Bu.	72.0	2,160	1.80	3,888
Rye	1982	32	4	Bu.	34.0	136	3.10	422
	1983	30	4	Bu.	34.0	136	2.52	343
	1984	29	4	Bu.	31.0	124	2.12	263
	1985	29	3	Bu.	35.0	105	2.10	221
	1986	30	4	Bu.	34.0	136	1.62	220
	1987	20	3	Bu.	33.0	99	1.75	173
	1988	18	4	Bu.	31.0	124	1.80	223

Crops: Acreage, Yield, Production And Value, Delaware 1982 - 1988

Crop	Year	Acreage		Unit	Production		Season Average Price	Value of Production
		Planted	Harvested		Per Acre	Total		
		Thous. Acres				Thous.	Dollars Per Unit	Thous. Dollars
Potatoes	1982	5.4	5.4	cwt	290	1,566	4.80	7,517
	1983	5.4	5.4	cwt	185	999	10.70	10,689
	1984	5.5	5.5	cwt	230	1,265	11.20	14,168
	1985	6.5	6.5	cwt	280	1,820	3.90	7,098
	1986	7.0	6.9	cwt	190	1,311	6.50	8,522
	1987	8.0	8.0	cwt	210	1,680	7.00	11,760
	1988	8.4	8.4	cwt	215	1,806	9.35	16,896
Hay, All	1982	--	19	tons	2.63	50	90.00	4,500
	1983	--	20	tons	2.50	50	107.00	5,350
	1984	--	21	tons	2.67	56	94.00	5,264
	1985	--	22	tons	2.68	59	84.00	4,956
	1986	--	23	tons	2.17	50	118.00	5,900
	1987	--	23	tons	2.26	52	98.00	5,096
	1988	--	26	tons	2.62	68	109.00	7,412
Hay, Alfalfa	1982	--	7	tons	3.80	27	--	--
	1983	--	7	tons	3.40	24	--	--
	1984	--	7	tons	3.70	26	--	--
	1985	--	7	tons	3.90	27	--	--
	1986	--	7	tons	3.00	21	--	--
	1987	--	9	tons	2.75	25	--	--
	1988	--	9	tons	3.75	34	--	--
Hay, All Other	1982	--	12	tons	1.90	23	--	--
	1983	--	13	tons	2.00	26	--	--
	1984	--	14	tons	2.15	30	--	--
	1985	--	15	tons	2.10	32	--	--
	1986	--	16	tons	1.80	29	--	--
	1987	--	14	tons	1.95	27	--	--
	1988	--	17	tons	2.00	34	--	--
Apples 1/	1982	--	--	lbs	--	14,500	.098	1,423
	1983	--	--	lbs	--	19,000	.086	1,642
	1984	--	--	lbs	--	24,000	.092	2,154
	1985	--	--	lbs	--	19,000	.087	1,656
	1986	--	--	lbs	--	27,000	.091	2,456
	1987	--	--	lbs	--	26,000	.106	2,768
	1988	--	--	lbs	--	19,000	.122	2,318
Peaches 1/	1982	--	--	lbs	--	1,700	.215	366
	1983	--	--	lbs	--	2,000	.201	402
	1984	--	--	lbs	--	2,000	.220	352
	1985	--	--	lbs	--	1,200	.262	314
	1986	--	--	lbs	--	2,700	.185	500
	1987	--	--	lbs	--	900	.189	170
	1988	--	--	lbs	--	3,100	.213	660

1/ Production and value are for utilized production.

Crops: Acreage, Yield, Production And Value, United States 1983 - 1988

Crop	Year	Acreage		Unit	Production		Season Average Price	Value of Production
		Planted	Harvested		Per Acre	Total		
		<u>Thous. Acres</u>				<u>Thous.</u>	<u>Dollars Per Unit</u>	<u>Thous. Dollars</u>
Corn, All	1983	60,217	59,597	---	---	---	---	---
	1984	80,543	79,786	---	---	---	---	---
	1985	83,448	82,591	---	---	---	---	---
	1986	76,674	N/A	---	---	---	---	---
	1987	65,704	N/A	---	---	---	---	---
	1988	67,619	N/A	---	---	---	---	---
Corn, For Grain	1983	---	51,483	Bu.	81.1	4,174,678	3.25	13,534,930
	1984	---	71,915	Bu.	106.7	7,674,020	2.62	20,084,595
	1985	---	75,224	Bu.	118.0	8,876,706	2.23	19,521,975
	1986	---	69,159	Bu.	119.3	8,249,864	1.50	12,541,426
	1987	---	59,208	Bu.	119.4	7,072,073	1.94	13,984,764
	1988	---	58,164	Bu.	84.6	4,921,191	2.60	13,011,192
Corn, Silage	1983	---	7,814	Ton	12.3	96,347	---	---
	1984	---	7,541	Ton	13.9	104,590	---	---
	1985	---	7,160	Ton	14.4	102,753	---	---
	1986	---	6,274	Ton	14.1	88,660	---	---
	1987	---	5,829	Ton	14.5	84,468	---	---
	1988	---	8,295	Ton	9.5	78,925	---	---
Wheat, Winter	1983	62,105	47,584	Bu.	41.8	1,988,304	3.48	6,910,125
	1984	63,419	51,513	Bu.	40.0	2,060,266	3.33	6,861,900
	1985	57,752	47,953	Bu.	38.1	1,827,615	2.98	5,429,571
	1986	53,965	43,205	Bu.	35.2	1,521,498	2.33	3,583,338
	1987	48,811	39,347	Bu.	39.8	1,565,176	2.49	3,961,286
	1988	48,800	39,785	Bu.	39.2	1,560,970	3.65	5,627,206
Soybeans	1983	63,779	62,525	Bu.	26.2	1,635,772	7.81	12,774,974
	1984	67,755	66,113	Bu.	28.1	1,860,863	5.78	10,748,050
	1985	63,130	61,584	Bu.	34.1	2,098,531	5.05	10,581,042
	1986	60,385	58,292	Bu.	33.3	1,940,101	4.78	9,262,746
	1987	57,955	56,977	Bu.	33.7	1,922,762	5.88	11,304,851
	1988	58,870	57,383	Bu.	26.8	1,538,666	7.70	11,864,842
Barley	1983	10,422	9,731	Bu.	52.3	508,925	2.50	1,268,906
	1984	11,957	11,231	Bu.	53.4	599,204	2.26	1,356,316
	1985	13,156	11,603	Bu.	51.0	591,383	1.98	1,132,537
	1986	13,059	12,007	Bu.	50.8	610,522	1.61	993,905
	1987	11,046	10,057	Bu.	52.7	529,530	1.81	982,285
	1988	9,676	7,535	Bu.	38.6	290,505	2.85	790,295
Rye	1983	2,707	896	Bu.	30.3	27,116	2.17	60,074
	1984	2,971	981	Bu.	33.1	32,463	2.08	68,828
	1985	2,563	717	Bu.	28.8	20,637	2.03	41,902
	1986	2,384	677	Bu.	28.8	19,522	1.49	29,159
	1987	2,498	683	Bu.	29.0	19,818	1.63	32,289
	1988	2,444	607	Bu.	24.8	15,047	2.46	37,027

N/A Not Applicable.

Crops: Acreage, Yield, Production And Value, United States 1983 - 1988

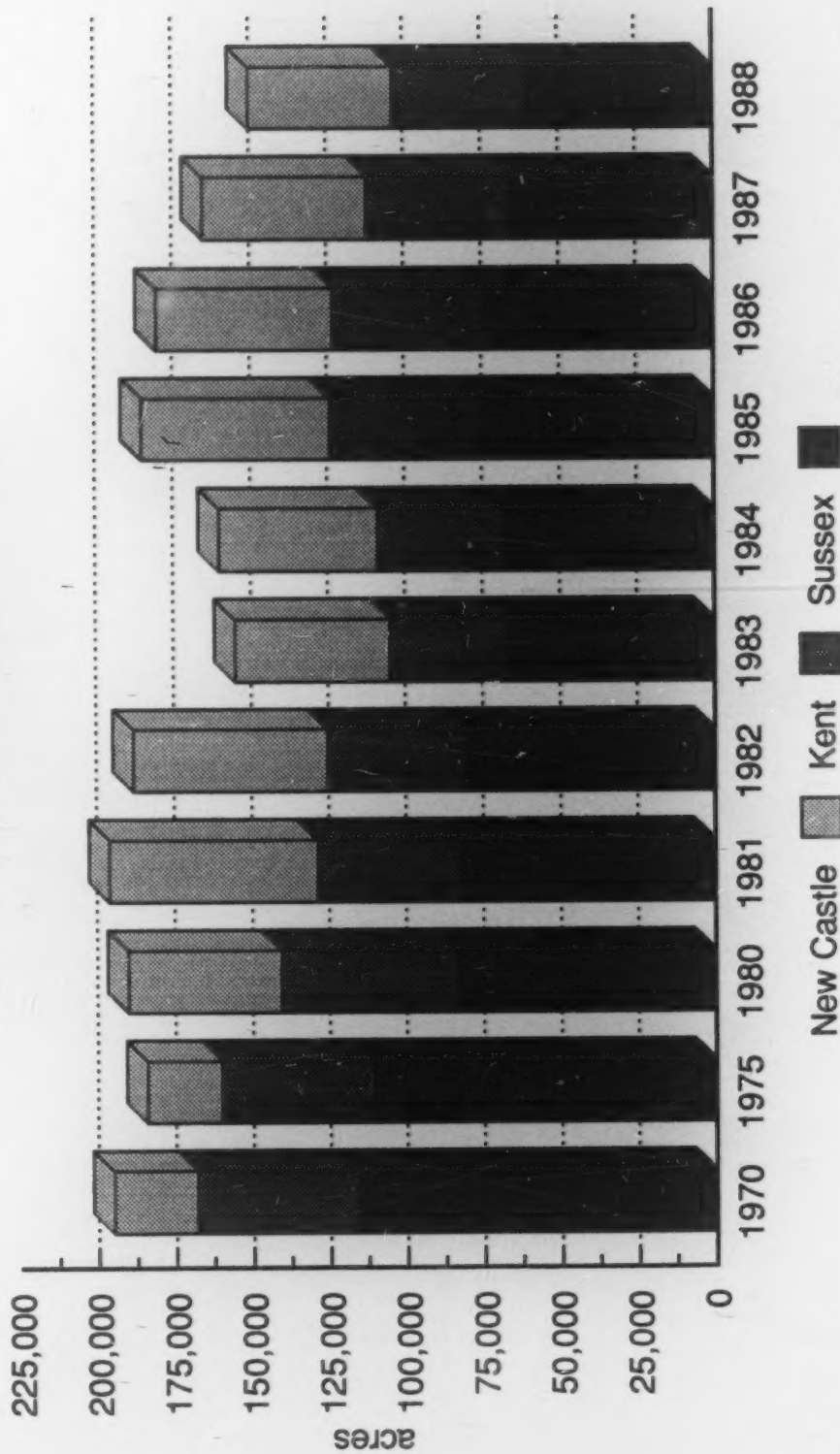
Crop	Year	Acreage		Unit	Production		Season Average Price	Value of Production
		Planted	Harvested		Per Acre	Total		
		<u>Thous. Acres</u>				<u>Thous.</u>	<u>Dollars Per Unit</u>	<u>Thous. Dollars</u>
Potatoes, Summer	1983	104.1	100.1	Cwt.	187	18,701	8.11	151,240
	1984	111.5	107.2	Cwt.	215	23,086	9.14	209,222
	1985	117.6	113.9	Cwt.	244	27,794	4.86	135,021
	1986	102.2	95.2	Cwt.	220	20,927	7.00	146,140
	1987	103.5	100.5	Cwt.	227	22,833	6.32	143,569
	1988	96.4	91.8	Cwt.	220	20,154	7.55	151,451
Sweet Potatoes	1983	105.3	102.4	Cwt.	118	12,083	13.60	164,328
	1984	106.4	103.5	Cwt.	125	12,986	14.00	182,191
	1985	110.2	105.3	Cwt.	141	14,853	8.81	130,450
	1986	97.1	93.4	Cwt.	136	12,674	10.90	138,551
	1987	96.7	93.3	Cwt.	129	12,064	11.60	138,771
	1988	92.6	89.1	Cwt.	133	11,832	13.50	160,184
Hay, All	1983	---	59,717	Tons	2.36	140,764	75.80	9,967,208
	1984	---	61,445	Tons	2.45	150,648	72.70	10,203,921
	1985	---	60,423	Tons	2.46	148,601	67.60	9,437,282
	1986	---	62,419	Tons	2.49	155,529	59.70	8,610,996
	1987	---	60,748	Tons	2.46	149,302	65.10	8,969,074
	1988	---	65,559	Tons	1.93	126,817	86.20	10,640,068
Hay, Alfalfa	1983	---	25,710	Tons	3.20	82,212	---	---
	1984	---	26,799	Tons	3.36	90,015	---	---
	1985	---	25,608	Tons	3.32	85,048	---	---
	1986	---	26,793	Tons	3.42	91,552	---	---
	1987	---	25,535	Tons	3.32	84,794	---	---
	1988	---	26,695	Tons	2.60	69,282	---	---
Hay, All Other	1983	---	34,007	Tons	1.72	58,552	---	---
	1984	---	34,646	Tons	1.75	60,543	---	---
	1985	---	34,815	Tons	1.83	63,553	---	---
	1986	---	35,626	Tons	1.80	63,977	---	---
	1987	---	35,213	Tons	1.83	64,508	---	---
	1988	---	38,864	Tons	1.48	57,535	---	---
Vegetables 1/	1983	2,217	2,135	Tons	---	20,166	---	3,655,198
	1984	2,548	2,446	Tons	---	22,870	---	4,132,115
	1985	2,559	2,467	Tons	---	22,688	---	4,068,839
	1986	2,424	2,313	Tons	---	23,067	---	4,298,123
	1987	2,531	2,431	Tons	---	24,404	---	4,669,191
	1988	2,561	2,464	Tons	---	23,857	---	4,839,135
Apples 1/ 2/	1983	---	---	Lbs.	---	8,352,400	.105	879,036
	1984	---	---	Lbs.	---	8,318,100	.112	927,622
	1985	---	---	Lbs.	---	7,833,800	.112	915,607
	1986	---	---	Lbs.	---	7,865,300	.134	1,058,879
	1987	---	---	Lbs.	---	10,748,600	.087	906,353
	1988	---	---	Lbs.	---	9,157,500	.126	1,146,579
Peaches	1983	---	---	Lbs.	---	1,753,800	.148	259,801
	1984	---	---	Lbs.	---	2,467,900	.130	320,671
	1985	---	---	Lbs.	---	2,046,400	.150	307,338
	1986	---	---	Lbs.	---	2,239,900	.141	314,926
	1987	---	---	Lbs.	---	2,248,200	.138	310,852
	1988	---	---	Lbs.	---	2,459,000	.156	383,825

1/ Commercial crops for fresh market and processing combined. Years are not comparable because of changes in estimating program.

2/ Production and value are for utilized production. N/A Not Available.

Delaware Corn Acreage

1970 - 1988



Delaware Agricultural Statistics Service

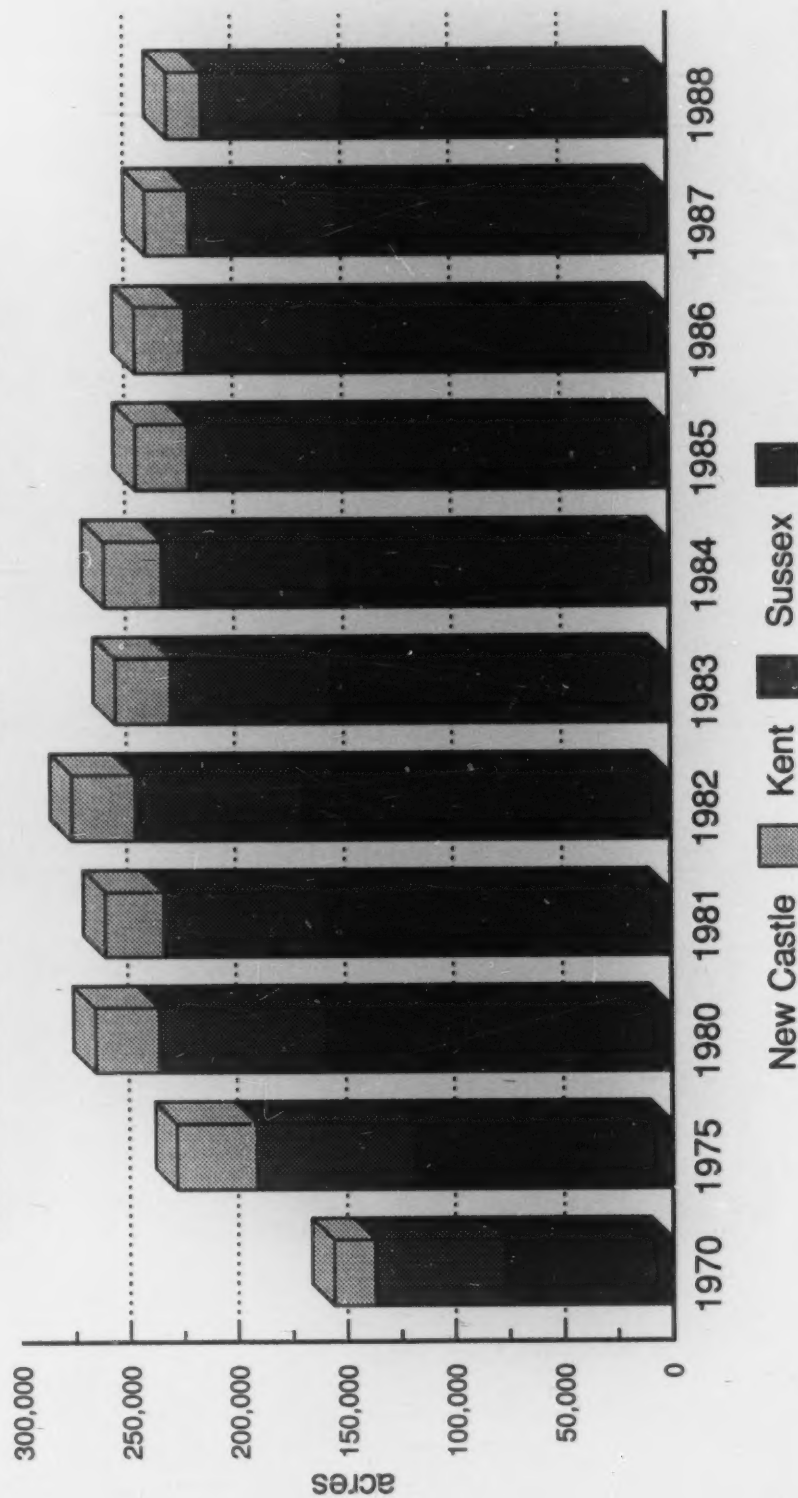
**Corn: Acreage, Yield And Production By Counties,
Delaware: 1982-1988**

County	Year	Acres		Average Yield Per Acre	Production
		Planted	Harvested		
		<u>Acres</u>			<u>Bushels</u>
New Castle	1982	62,600	62,000	101.0	6,262,000
	1983	50,000	45,000	68.0	3,060,000
	1984	51,200	47,000	117.0	5,501,000
	1985	61,000	56,000	120.0	6,720,000
	1986	57,000	54,000	101.0	5,445,000
	1987	53,000	49,000	73.0	3,577,000
	1988	46,500	43,000	64.0	2,752,000
Kent	1982	44,900	44,500	105.0	4,672,000
	1983	38,800	37,000	76.0	2,812,000
	1984	41,000	38,900	118.0	4,590,000
	1985	49,000	46,000	110.0	5,055,000
	1986	49,000	44,700	82.0	3,665,000
	1987	46,500	40,000	81.9	3,274,000
	1988	43,500	40,000	72.2	2,887,000
Sussex	1982	80,500	70,500	101.0	7,119,500
	1983	66,200	63,000	79.4	5,003,000
	1984	67,800	64,100	107.0	6,859,000
	1985	75,000	73,000	100.0	7,300,000
	1986	74,000	70,300	70.0	4,917,000
	1987	65,500	59,000	67.0	3,953,000
	1988	60,000	57,000	73.0	4,161,000

**Corn For Silage: Acreage, Yield And Production By Counties,
Delaware: 1982 - 1988**

County	Year	Harvested	Average Yield Per Acre	Production
		<u>Acres</u>	<u>Tons</u>	<u>Tons</u>
New Castle	1982	4,000	13.0	52,000
	1983	4,100	13.0	53,300
	1984	3,400	16.5	56,000
	1985	2,900	18.0	51,500
	1986	2,600	13.6	35,400
	1987	3,000	13.0	39,000
	1988	2,700	13.0	35,100
Kent	1982	1,300	15.0	19,500
	1983	1,300	15.0	19,500
	1984	1,600	15.0	24,000
	1985	2,600	14.0	35,800
	1986	3,400	9.0	30,600
	1987	5,500	6.8	37,500
	1988	3,000	12.2	36,700
Sussex	1982	4,700	16.7	78,500
	1983	2,600	15.1	39,200
	1984	3,000	16.0	48,000
	1985	1,500	12.0	17,700
	1986	3,000	11.0	33,000
	1987	5,500	9.0	49,500
	1988	2,300	14.0	32,200

Delaware Soybean Acreage 1970 - 1988



Delaware Agricultural Statistics Service 8/89

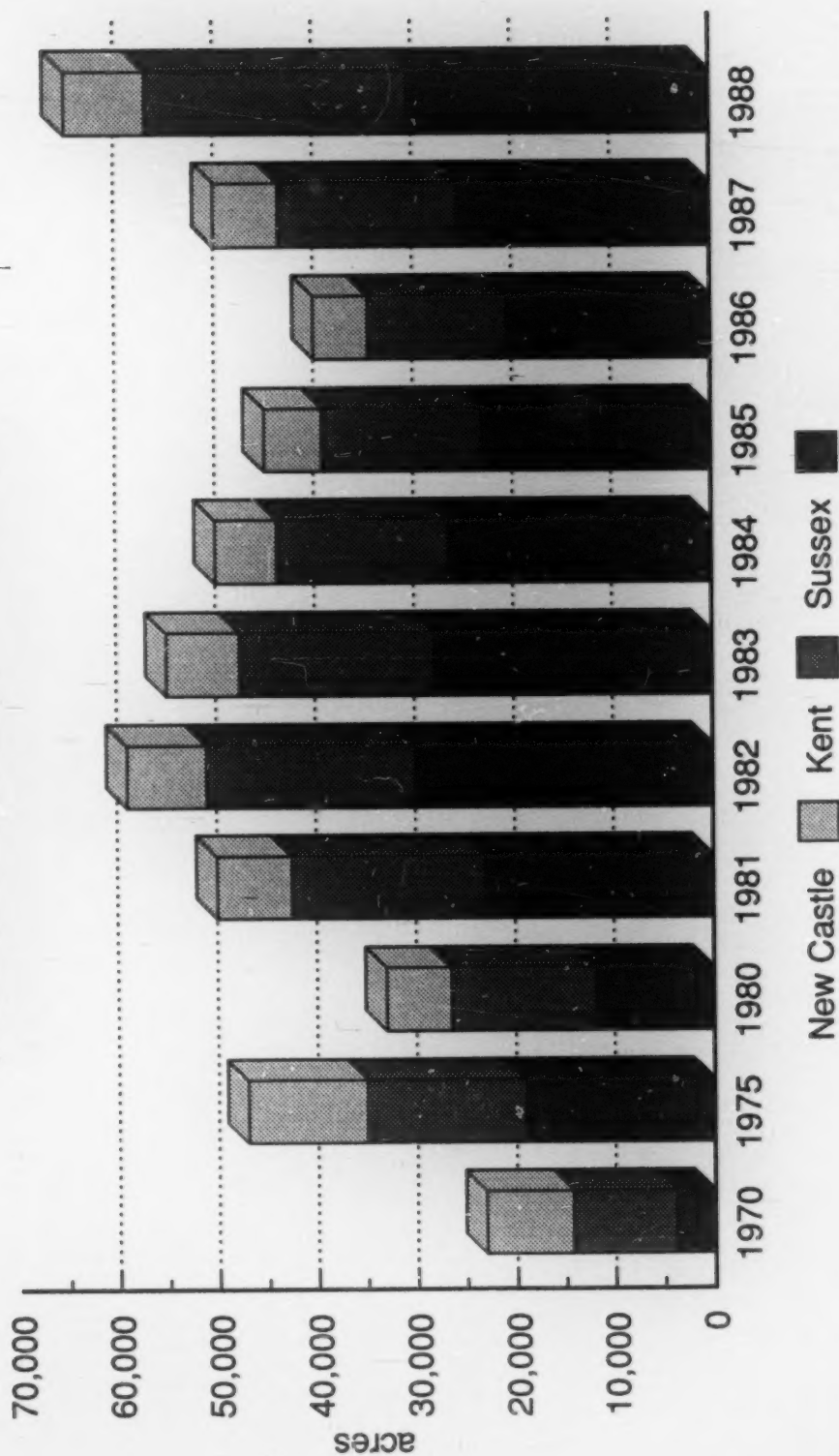
Soybeans: Acreage, Yield and Production By Counties
Delaware: 1975, 1978 - 1988

County	Year	Acres		Average Yield Per Acre	Production
		Planted	Harvested		

		<u>Acres</u>		<u>Bushels</u>	
New Castle	1975	36,500	36,000	27.0	972,000
	1978	31,700	31,000	29.0	889,000
	1979	38,200	37,700	30.0	1,131,00
	1980	29,200	28,000	22.0	616,000
	1981	27,000	26,700	32.0	855,000
	1982	29,000	28,000	28.0	784,000
	1983	25,600	25,100	25.0	627,500
	1984	26,700	25,200	28.0	705,600
	1985	24,000	23,000	33.0	760,000
	1986	23,000	22,000	27.0	594,000
	1987	20,000	19,000	26.0	494,000
	1988	16,000	15,500	30.0	465,000
Kent	1975	72,500	72,000	25.0	1,800,000
	1978	78,500	76,800	29.0	2,227,200
	1979	84,500	82,800	30.0	2,484,000
	1980	76,900	76,100	23.0	1,750,300
	1981	74,000	72,300	26.0	1,880,000
	1982	77,000	75,500	22.0	1,661,000
	1983	73,900	72,400	31.0	2,244,400
	1984	76,100	72,300	29.0	2,096,700
	1985	71,000	70,000	31.0	2,170,000
	1986	68,000	66,000	23.0	1,518,000
	1987	67,000	65,000	18.0	1,170,000
	1988	65,000	63,000	27.0	1,701,000
Sussex	1975	119,000	117,000	24.0	2,853,000
	1978	154,800	152,200	29.0	4,413,800
	1979	157,300	154,500	30.0	4,635,000
	1980	158,900	155,900	18.0	2,833,700
	1981	159,000	156,000	26.6	4,150,000
	1982	169,000	166,500	24.2	4,035,000
	1983	155,500	152,500	28.7	4,378,100
	1984	157,200	152,500	21.0	3,197,700
	1985	150,000	147,000	29.0	4,270,000
	1986	154,000	152,000	24.0	3,648,000
	1987	153,000	151,000	17.0	2,566,000
	1988	149,000	146,500	27.0	3,909,000

Delaware Wheat Acreage

1970 - 1988



Delaware Agricultural Statistics Service 8/89

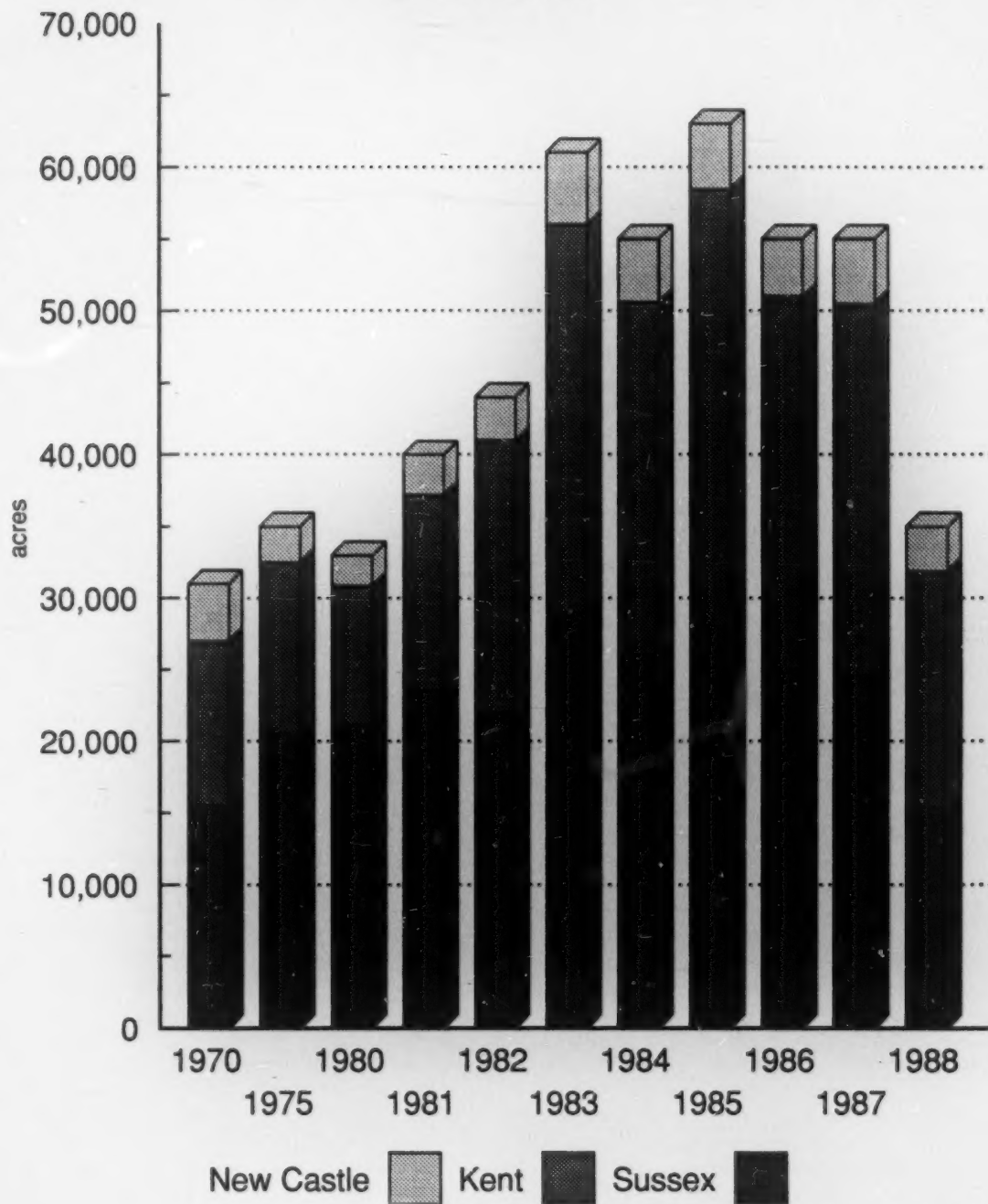
Wheat: Acreage, Yield And Production By Counties,
Delaware: 1975, 1978 - 1988

County	Year	Acres		Average Yield Per Acre	Production
		Planted	Harvested		

		<u>Acres</u>		<u>Bushels</u>	
New Castle	1975	12,000	11,500	36.0	409,000
	1978	4,100	3,500	38.0	133,000
	1979	5,000	5,000	35.0	174,000
	1980	6,500	5,600	41.0	231,000
	1981	7,500	7,000	39.0	273,000
	1982	8,000	7,800	39.0	304,200
	1983	7,400	7,200	41.7	300,200
	1984	6,200	6,100	44.0	268,400
	1985	5,800	5,700	51.0	291,000
	1986	5,500	4,900	54.5	267,000
	1987	6,500	6,200	43.0	267,000
	1988	8,100	7,800	58.0	452,000
Kent	1975	16,000	15,000	34.0	510,000
	1978	8,300	7,700	33.0	257,000
	1979	10,000	9,000	33.0	296,000
	1980	14,700	11,800	40.0	473,000
	1981	19,500	18,800	39.2	737,000
	1982	21,000	20,700	38.0	786,600
	1983	19,600	19,400	38.0	737,200
	1984	17,300	16,900	39.0	659,100
	1985	16,100	15,300	50.0	765,000
	1986	14,000	11,700	44.0	515,000
	1987	18,000	16,700	43.0	718,000
	1988	26,400	25,300	52.5	1,329,000
Sussex	1975	19,000	18,500	33.0	611,000
	1978	11,600	5,800	35.0	205,000
	1979	7,000	7,000	35.0	244,000
	1980	11,800	9,600	39.0	376,000
	1981	23,000	22,200	41.0	910,000
	1982	30,000	29,500	41.7	1,229,200
	1983	28,000	27,400	39.0	1,068,600
	1984	26,500	26,000	41.6	1,081,500
	1985	23,100	22,000	46.0	1,008,000
	1986	20,500	17,400	43.0	748,000
	1987	25,500	25,100	41.0	1,031,000
	1988	30,500	29,900	50.0	1,495,000

Delaware Barley Acreage

1970 -1988



Barley: Acreage, Yield and Production by Counties,
Delaware: 1975, 1977 - 1988

County	Year	Acres		Average Yield Per Acre	Production
		Planted	Harvested		

		<u>Acres</u>		<u>Bushels</u>	
New Castle	1975	2,500	2,000	46.0	92,000
	1977	2,000	1,500	50.0	75,000
	1978	2,000	1,500	50.0	75,000
	1979	2,000	1,800	48.0	86,400
	1980	2,100	1,900	50.0	95,000
	1981	2,800	2,500	52.0	130,000
	1982	3,000	2,600	60.0	156,000
	1983	5,000	4,000	57.0	228,000
	1984	4,400	4,200	57.0	239,400
	1985	4,500	4,300	61.0	262,000
	1986	4,000	3,600	62.0	223,000
	1987	4,500	4,000	63.0	252,000
	1988	3,100	2,300	75.0	172,500
Kent	1975	12,000	9,000	49.0	441,000
	1977	12,000	7,500	47.0	352,000
	1978	11,000	8,500	41.0	351,000
	1979	11,000	8,200	48.0	393,600
	1980	9,800	7,900	50.0	395,000
	1981	13,700	11,800	53.0	625,400
	1982	19,000	17,300	60.7	1,050,700
	1983	27,000	24,700	55.0	1,358,500
	1984	24,600	23,000	54.6	1,256,600
	1985	30,500	28,400	60.0	1,704,000
	1986	26,000	23,900	62.0	1,482,000
	1987	26,000	25,000	63.7	1,592,000
	1988	16,500	13,700	73.0	1,000,000
Sussex	1975	20,500	16,000	46.0	736,000
	1977	20,000	13,000	42.0	541,000
	1978	20,000	14,000	45.0	630,000
	1979	20,000	15,000	43.0	645,000
	1980	21,100	15,200	48.0	735,000
	1981	23,500	18,700	51.4	960,600
	1982	22,000	18,100	53.0	959,300
	1983	29,000	24,300	54.7	1,328,500
	1984	26,000	22,800	55.0	1,254,000
	1985	28,000	24,300	55.0	1,340,000
	1986	25,000	22,500	59.8	1,345,000
	1987	24,500	23,000	60.0	1,380,000
	1988	15,400	14,000	70.5	987,500

Delmarva Crop Production
Acreage, Average Yield and Production, Delmarva 1981 - 1988

Crop	Year	Acreage		Production	
		Planted	Harvested	Per Acre	Total
		----- Acres -----		-----Bushels-----	
Corn, Grain	1981	585,200	555,800	98.9	54,972,500
	1982	569,030	538,100	108.1	58,180,200
	1983	478,500	449,600	72.1	32,398,000
	1984	503,800	474,400	118.9	56,415,000
	1985	559,900	534,100	113.0	60,129,000
	1986	533,700	499,500	79.7	39,801,000
	1987	437,100	401,600	69.6	27,961,000
	1988 1/	399,200	369,500	67.3	24,881,000
				----- Tons -----	
Corn, Silage 2/	1981	-----	24,200	13.4	324,560
	1982	-----	26,700	16.4	438,320
	1983	-----	24,900	12.4	309,600
	1984	-----	26,300	16.8	441,300
	1985	-----	21,900	16.2	353,800
	1986	-----	29,800	11.3	336,300
	1987	-----	29,800	9.5	282,400
	1988	-----	25,200	10.9	273,600
				----- Bushels -----	
Soybeans	1981	659,800	650,500	29.1	18,961,000
	1982	725,200	715,500	27.4	19,606,000
	1983	681,100	664,800	26.3	17,461,400
	1984	727,300	707,000	27.0	19,109,000
	1985	678,500	665,600	30.0	20,010,000
	1986	658,400	645,200	25.9	16,716,000
	1987	666,000	652,700	19.4	12,685,000
	1988	703,000	689,600	29.5	20,341,400
Wheat	1981	169,400	165,300	43.3	7,156,700
	1982	185,400	180,200	43.2	7,780,800
	1983	182,400	172,900	41.8	7,228,000
	1984	167,100	162,950	43.7	7,123,800
	1985	156,300	150,300	49.5	7,453,000
	1986	159,000	143,700	47.0	6,700,000
	1987	187,600	181,900	48.0	8,736,000
	1988	207,400	199,500	53.3	10,369,500
Barley	1981	107,900	94,200	58.5	5,509,400
	1982	116,400	104,420	59.0	6,157,600
	1983	137,200	120,940	56.2	6,792,600
	1984	136,900	124,700	57.9	7,225,700
	1985	140,500	129,600	57.9	7,508,000
	1986	118,200	110,300	60.7	6,697,600
	1987	125,400	116,600	66.5	7,749,000
	1988	91,800	81,400	71.8	5,847,000

1/ 1988 totals do not include Northampton totals.

2/ Estimates include only Maryland Eastern Shore and Delaware.

Stocks Of Grain and Hay by Quarters, Delaware 1986 - 1988

Crop & Date	1986			1987			1988		
	On Farm	Off Farm	Total	On Farm	Off Farm	Total	On Farm	Off Farm	Total

Thous. Bushels

Corn

December 1	2/4,769	5,460	10,229	1/	8,896	1/	1/	6,171	1/
March 1	1/	5,420	1/	1/	8,050	1/	1/	4,029	1/
June 1	1/	4,004	1/	1/	4,144	1/	1/	1/	1/
September 1	1/	1,526	1/	1/	3,073	1/	1/	1,590	1/

Barley

September 1	529	951	1,480	1/	362	1/	1/	877	1/
December 1	149	227	376	1/	1/	1/	1/	499	1/
March 1 3/	1/	1/	1/	1/	1/	1/	1/	1,259	1/
June 1 3/	1/	77	1/	1/	263	1/	1/	1/	1/

Wheat

September 1	52	1,488	1,540	1/	1,561	1/	1/	2,679	1/
December 1	1/	505	1/	1/	1/	1/	1/	2,102	1/
March 1 3/	1/	60	1/	1/	1/	1/	1/	1/	1/
June 1 3/	1/	54	1/	1/	1/	1/	1/	1/	1/

Soybeans

December 1	1/	1/	1/	1/	2,306	1/	1/	1/	1/
March 1 3/	1/	1/	1/	1/	4,174	1/	1/	1/	1/
June 1 3/	1/	1/	1/	1/	1/	1/	1/	1/	1/
September 1 3/	1/	1/	1/	1/	1/	1/	1/	1/	1/

Thous. Tons

Hay

May 1	10	--	--	6	---	--	5	--	--
December 1	35	--	--	36	---	--	41	--	--

1/ Not published to avoid disclosure of individual operations.

2/ Previous year.

3/ Following year.

Fruit: Production And Value, Delaware, 1983 - 1988

Year	Total Production	Season Average Price	Value of Utilized Production
	Million <u>Pounds</u>	Cents <u>Per Pound</u>	Thous. <u>Dollars</u>
<u>Apples</u>			
1983	19.0	8.6	1,642
1984	24.0	9.2	2,154
1985	19.0	8.7	1,656
1986	27.0	9.1	2,456
1987	26.0	10.6	2,768
1988	19.0	12.2	2,318
<u>Peaches</u>			
1983	2.0	20.1	402
1984	2.0	22.0	352
1985	1.2	26.2	314
1986	2.7	18.5	500
1987	0.9	18.9	170
1988	3.1	21.3	660

Mushrooms: Area, Production, Price And Value, Delaware,
1974-1988 July 1 to June 30

Year	Area In Production				Production	Price Per Pound	Value of Produc- ion
	First Filling	Second Filling	Additional Filling	Total Filling			
		Thous. <u>Square Feet</u>			Thous. <u>Lbs.</u>	<u>Cents</u>	Thous. <u>Dollars</u>
1974-75	1,175	925	107	2,207	5,569	39.4	2,195
1975-76	1,174	1,012	118	2,304	5,941	56.5	3,356
1976-77	1,209	1,106	135	2,450	7,027	65.6	4,610
1977-78	1,225	1,147	173	2,545	6,511	67.4	4,389
1978-79	1,216	1,129	287	2,632	6,075	64.8	3,935
1979-80	1,295	1,293	210	2,798	6,738	60.2	4,053
1980-81	1,178	1,167	384	2,729	7,025	63.0	4,425
1981-82	965	949	250	2,164	5,546	64.1	3,557
1982-83	1,113	1,094	487	2,694	7,223	67.9	4,902
1983-84	1,073	943	483	2,499	7,289	71.9	5,239
1984-85	1,122	996	695	2,813	8,086	63.9	5,168
1985-86	925	936	882	2,743	7,785	63.4	4,934
1986-87	640	535	451	1,626	5,124	62.6	3,208
1987-88	560	544	578	1,682	5,831	64.0	3,732

Delaware: Fresh Market Vegetables, Melons And Strawberries
Acreage, Average Yield And Production 1987 And 1988
Season Average Price 1988

Crop	Acres				Average Yield		Total Production		1988
	Planted		Harvested						\$ /cwt.
	1987	1988	1987	1988	1987	1988	1987	1988	

	--- Cwt ---		--- Cwt ---						
Sweet Corn	1,560	1,670	1,520	1,640	93	91	141,360 ¹	149,240	14.50
Watermelon	1,240	1,240	1,230	1,230	248	300	305,000	372,000	6.15
Cabbage	530	540	520	540	250	250	121,150	135,000	15.00
Spinach	210	230	210	230	55 ¹	31	11,500 ¹	7,130	46.20
Cantaloupes	225	200	215	200	124	95	26,750	19,000	15.10
Asparagus	320	320	320	290	14	13	4,600	3,850	88.00
Cauliflower	70	60	70	60	123	91	8,600	5,450	54.70
Tomatoes	70	70	70	60	197	120	13,800	7,080	20.30
Lima Beans	40	35	40	25	35	34	1,380	850	50.30
Turnips	20	35	20	30	102	115	2,040	3,450	13.30
Sweet Peppers	30	30	25	30	87	31	2,170	930	36.40
Green Peas	30	20	25	15	43	40	1,075	600	31.30
Potatoes ¹	8,000	8,400	8,000	8,400	210	215	1,680,000	1,806,000	9.35
Other									
Vegetable ²	890	830	865	740	---	---	69,740	56,780	---
Strawberries	90	90	90	90	34	62	3,040	5,580	38.40
Total	13,325	13,770	13,220	13,580	---	---	2,392,205	2,572,940	---

¹Preliminary for 1988.

²Other vegetables include: brussels sprouts, hot peppers, broccoli, pumpkins, squash, snap beans, sweet potatoes, greens, and cucumbers.

³Revised.

Vegetables For Processing
Acreage, Average Yield And Production 1987 And 1988

Crop	Acres				Average Yield		Total Production	
	Planted		Harvested					
	1987	1988	1987	1988	1987	1988	1987	1988

	--- Tons ---		--- Tons ---					
Tomatoes	900	1,100	800	1,000	11.68	6.72	9,340	6,720
Sweet Corn	5,400	5,300	5,400	5,300	4.72	4.98	25,500	26,390
Green Peas	9,700	7,700	9,700	7,700	1.28	1.53	12,420	11,780
Lima Beans	12,900	12,500	12,800	10,600	0.51	0.51	6,500	5,460
Sweet Peppers	140	180	140	180	3.50	3.00	490	540
Other								
Vegetables	6,275 ¹	5,300 ²	5,975 ¹	4,800 ³	---	---	21,571	18,130
Total	35,315	32,080	34,815	29,580	---	---	75,821	69,020

¹Other vegetables include: hot peppers, snap beans, carrots, broccoli, zucchini, spinach and cucumbers.

²Other vegetables include: hot peppers, snap beans, carrots, zucchini, spinach and cucumbers.

Vegetables For Processing: Acreage, Yield, Production And Value,
Delaware, 1982 - 1988

Crop	Year	Planted	Harvested	Production		Season Average Price	Value Of Production
				Per Acre	Total		
		<u>Acres</u>			<u>Tons</u>	<u>Dollars Per Ton</u>	<u>Thous. Dollars</u>
Green Lima Beans	1982 1/	----	----	----	----	----	----
	1983	14,100	13,600	.79	10,470	----	----
	1984	10,500	10,300	.83	8,550	314.00	2,685
	1985	11,100	10,600	.85	9,010	320.00	2,883
	1986	13,600	13,300	.70	9,310	365.00	3,398
	1987	12,900	12,800	.51	6,500	380.00	2,470
	1988	12,500	10,600	.52	5,460	290.00	1,583
Sweet Corn	1982	3,900	3,900	5.28	20,590	58.00	1,194
	1983	4,000	4,000	4.58	18,320	65.20	1,194
	1984	5,200	5,000	5.71	28,550	79.80	2,278
	1985	4,600	4,600	5.73	26,360	71.20	1,877
	1986	5,200	4,900	4.77	23,370	47.90	1,119
	1987	5,400	5,400	4.72	25,500	54.60	1,392
	1988	5,300	5,300	4.98	26,390	69.00	1,821
Cucumbers For Pickles	1982 1/	----	----	----	----	----	----
	1983	1,600	1,500	5.49	8,240	----	----
	1984	1,500	1,500	4.77	7,160	137.00	981
	1985	1,500	1,500	4.35	6,530	144.00	940
	1986 1/	----	----	----	----	----	----
	1987 1/	----	----	----	----	----	----
	1988 1/	----	----	----	----	----	----
Green Peas 2/	1982	8,100	7,900	1.73	13,670	270.00	3,691
	1983	9,900	9,400	1.47	13,820	209.00	2,888
	1984	11,600	11,500	1.40	16,100	276.00	4,444
	1985	12,400	12,400	1.79	22,200	277.00	6,149
	1986	10,200	9,600	1.61	15,460	239.00	3,695
	1987	9,700	9,700	1.28	12,420	229.00	2,844
	1988	7,700	7,700	1.53	11,780	180.00	2,120
Tomatoes	1982	1,300	1,200	14.86	17,830	84.40	1,505
	1983	840	840	13.36	11,220	71.50	802
	1984	840	820	18.09	14,830	76.50	1,134
	1985	1,200	1,100	12.67	13,940	72.10	1,005
	1986 1/	----	----	----	----	----	----
	1987	900	800	11.68	9,340	72.20	674
	1988	1,100	1,000	6.72	6,720	74.10	498

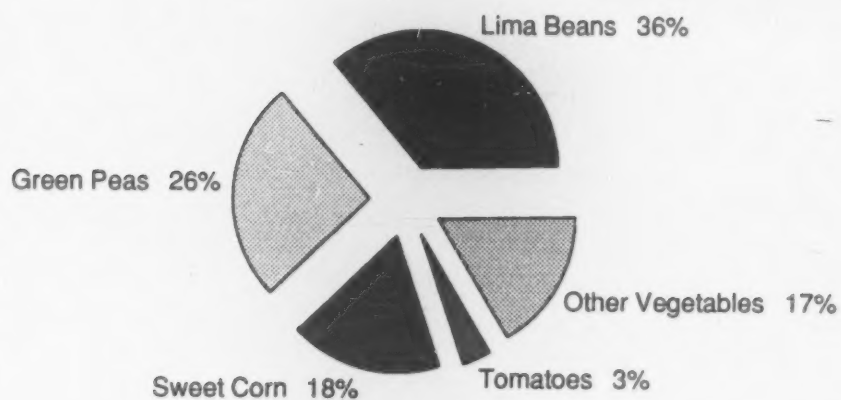
1/ Not published to avoid disclosure of individual operations.

2/ Shelled basis.

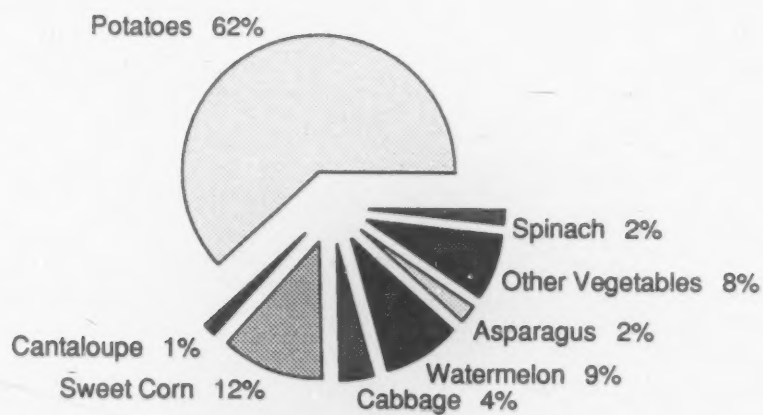
Delaware Vegetables

Major Crops as Percent of Total Acres Harvested

1988



Processing



Fresh Market

Vegetables: Acreage, Yield And Production, Delaware, By Counties 1988

New Castle

Crop	Fresh Market				Processing				Total Planted Acres
	Acreage		Yield Cwt.	Production Cwt.	Acreage		Yield Tons	Production Tons	
	Planted	Harvested			Planted	Harvested			
Asparagus	20	15	13	200	---	---	---	---	20 ₁
Lima Beans	---	---	---	---	1	1	1	1	---
Cabbage	35	35	245	8,580	---	---	---	---	35
Cantaloupes	40	40	87	3,480	---	---	---	---	40
Cauliflower	20	20	70	1,400	---	---	---	---	20 ₁
Green Peas	5	---	---	---	1	1	1	1	---
Sweet Peppers	5	5	44	220	---	---	---	---	5 ₁
Spinach	65	65	32	2,080	1	1	1	1	---
Sweet Corn	310	290	65	18,850	---	---	---	---	---
Turnips	20	20	135	2,700	---	---	---	---	20 ₁
Watermelons	70	60	285	17,100	---	---	---	---	70 ₁
Other Vegetables	70 ²	60 ²	---	---	690 ³	690 ³	---	---	760 ³
Total	660	610	---	---	690 ³	690 ³	---	---	---
Strawberries	20	20	49	980	---	---	---	---	20

Kent

Crop	Fresh Market				Processing				Total Planted Acres
	Acreage		Yield Cwt.	Production Cwt.	Acreage		Yield Tons	Produc- tion Tons	
	Planted	Harvested			Planted	Harvested			
Asparagus	270	250	13	3,250	---	---	---	---	270 ₁
Lima Beans	5	5	30	150	---	---	---	---	---
Cabbage	500	500	250	125,390	---	---	---	---	500
Cantaloupes	25	25	96	2,400	---	---	---	---	25
Cauliflower	30	30	95	2,850	---	---	---	---	30 ₁
Green Peas	5	5	42	210	---	---	---	---	---
Sweet Peppers	10	10	26	260	160	160	3.00	480	170 ₁
Spinach	160	160	30	4,870	---	---	---	---	---
Sweet Corn	900	900	119	97,990	---	---	---	---	---
Turnips	5	5	60	300	---	---	---	---	5 ₁
Watermelons	70	70	250	17,850	---	---	---	---	70 ₁
Other Vegetables	650 ²	575 ²	---	---	16,980 ³	15,430 ³	---	---	18,990 ⁴
Total	2,630	2,535	---	---	17,140 ³	15,590 ³	---	---	---
Strawberries	45	45	69	3,100	---	---	---	---	45

Sussex

Crop	Fresh Market				Processing				Total Planted Acres
	Acreage		Yield Cwt.	Production Cwt.	Acreage		Yield Tons	Produc- tion Tons	
	Planted	Harvested			Planted	Harvested			
Asparagus	30	25	16	400	---	---	---	---	30 ₁
Lima Beans	30	20	35	700	1	1	1	1	
Cabbage	5	5	205	1,030	---	---	---	---	5
Cantaloupes	135	135	97	13,120	---	---	---	---	135
Cauliflower	10	10	120	1,200	---	---	---	---	10 ₁
Green Peas	10	10	39	390	1	1		1	
Sweet Peppers	15	15	30	450	20	20	3.00 ₁	60 ₁	35 ₁
Spinach	5	5	36	180	1	1	1	1	1
Sweet Corn	460	450	72	32,400	---	---	---	---	10
Turnips	10	5	90	450	---	---	---	---	
Watermelons	1,100	1,100	305	337,050	---	---	---	---	1,100
Other Vegetables	180 ²	165 ²	---	---	14,230 ³	13,280 ³	---	---	14,430 ⁴
Total	1,990	1,945	---	---	14,250 ³	13,300 ³	---	---	---
Strawberries	25	25	60	1,500	---	---	---	---	25

¹Not published to avoid disclosure of individual operation.

²Includes: snap beans, broccoli, hot peppers, squash, brussels sprouts, pumpkins, greens, sweet potatoes, tomatoes, cucumbers.

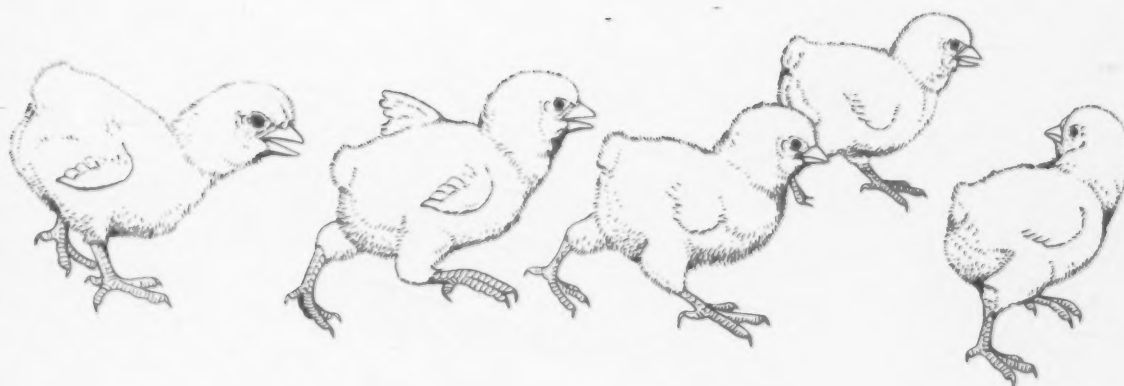
³Includes: lima beans, green peas, sweet corn, tomatoes, carrots, snap beans, hot peppers, zucchini, spinach, cucumbers and broccoli.

⁴Includes: vegetables listed in footnotes 2 and 3.

POULTRY

Broilers produce more income in Delaware than any other agricultural commodity. In 1988, the value of broilers raised in the state at liveweight amounted to \$397 million. This value is up 24 percent from 1987's \$320 million due to an increase of 7.6 million broilers and an average price increase of 6.6 cents per pound. The aggregate weight of broilers produced was up 4 percent from the 1987 output. The number of broilers produced at 217.5 million birds was up 4 percent from the 209.8 million produced in 1987. The average liveweight of broilers produced in 1988 remained unchanged at 5.0 pounds.

Egg production in Delaware during 1988 totaled 146 million eggs, up 1 percent or 2 million eggs over 1987's 144 million. The annual average number of layers in the state for 1988 was 677,000, compared with an average of 688,000 for 1987. Laying hens produced an average of 216 eggs during 1988. Cash receipts from sales of Delaware eggs amounted to \$12,897,000 in 1988, up 6 percent from the \$12,120,000 in cash receipts for 1987.



**Broiler-Type Eggs Set, Chicks Hatched And Placed In Growing Houses,
Delaware, By Weeks, 1986-1988 1/**

Year and Week	Eggs Set	Chicks Hatched	Chicks Placed	Year and Week Ending	Eggs Set	Chicks Hatched	Chicks Placed
----- Thous. -----				----- Thous. -----			
1986				1988			
Oct 04	4,130	3,383	4,561	Oct 03	4,233	2,928	3,798
11	4,040	3,980	3,693	10	3,864	3,103	3,335
18	3,271	3,481	5,047	17	3,330	3,527	4,237
25	3,896	3,301	4,098	24	3,577	3,499	4,877
				31	4,362	3,163	3,276
Nov 01	4,389	3,149	4,269	Nov 07	4,326	2,795	4,040
08	4,316	3,593	4,468	14	4,399	2,914	4,029
15	4,291	3,099	4,277	21	4,361	3,510	4,252
22	4,353	3,512	4,194	28	4,049	3,523	4,473
29	4,351	3,479	4,473				
Dec 06	4,304	3,453	3,847	Dec 05	3,808	3,606	5,083
13	4,370	3,454	4,899	12	4,294	3,659	4,174
20	4,348	3,522	4,880	19	4,401	4,416	4,939
27	3,999	3,550	4,124	26	4,389	3,213	3,898
1987				1988			
Jan 03	4,143	3,555	4,281	Jan 02	4,390	3,652	4,206
10	4,255	3,942	4,246	09	4,419	3,697	4,240
17	4,014	3,240	3,972	16	4,325	3,707	4,365
24	4,169	3,594	4,567	23	4,116	3,682	4,688
31	3,761	3,504	4,095	30	4,126	3,703	4,700
Feb 07	3,985	3,297	3,842	Feb 06	4,168	3,634	4,341
14	4,050	3,319	4,528	13	4,186	3,418	4,217
21	4,276	3,979	4,064	20	4,304	3,433	4,584
28	4,263	3,158	4,255	27	4,273	3,490	4,589
Mar 07	4,195	3,207	3,832	Mar 05	4,359	3,504	4,194
14	4,022	3,402	4,175	12	3,917	3,595	4,248
21	4,287	3,382	4,264	19	4,193	3,666	4,718
28	4,341	3,318	3,717	26	4,179	3,689	4,315
Apr 04	4,342	3,213	4,371	Apr 02	4,224	3,328	4,278
11	4,338	3,368	4,390	09	4,339	3,533	4,263
18	4,344	3,438	3,924	16	4,298	3,553	4,279
25	4,250	3,442	4,359	23	4,149	3,721	4,602
				30	4,316	3,718	4,678
May 02	4,290	3,403	4,570	May 07	4,392	3,681	4,997
09	4,294	3,406	4,510	14	4,406	3,539	4,638
16	4,336	3,403	4,110	21	4,409	3,666	4,390
23	4,369	3,487	4,189	28	4,422	3,694	4,600
30	4,466	3,476	4,947				
Jun 06	4,548	3,509	4,400	Jun 04	4,342	3,713	3,935
13	4,550	3,503	4,847	11	4,368	3,747	4,382
20	4,529	3,577	4,519	18	4,344	3,776	4,358
27	4,435	3,666	5,011	25	4,109	3,710	4,394
Jul 04	4,315	3,712	4,699	Jul 02	4,098	3,745	5,098
11	4,331	3,691	4,312	09	4,325	3,676	4,970
18	4,183	3,696	4,890	16	4,385	3,483	4,366
25	4,287	3,523	4,164	23	4,429	3,432	4,702
				30	4,367	3,610	4,861
Aug 01	4,251	3,517	4,561	Aug 06	4,303	3,666	4,817
08	4,295	3,341	4,211	13	4,222	3,649	3,781
15	4,300	3,421	4,559	20	4,298	3,583	4,230
22	4,239	3,410	4,217	27	4,355	3,632	4,826
29	4,306	3,458	4,059				
Sep 05	3,741	3,450	4,363	Sep 03	3,784	3,589	4,450
12	3,570	3,441	4,109	10	4,350	3,562	5,234
19	3,816	3,442	4,251	17	4,196	3,580	4,284
26	4,284	3,028	3,917	24	4,333	3,144	3,977
Total 1987				Total 1988			
218,748				219,967			
176,374				183,458			
224,921				229,992			

1/ Eggs set and chicks hatched include eggs for all broiler-type chicks, including those raised as broilers and as hatchery flock replacement. Chicks placed include only chicks raised as broilers.

Commercial Broilers: Production And Value, Delaware, 1982 - 1988

Year ¹	Number Produced	Average Liveweight	Production	Average Price Per Pound ²	Value ³
	Thous. Birds	Pounds	Thous. Pounds	Cents	Thous. Dollars
1982	177,799	4.6	817,875	30.0	245,363
1983	181,862	4.8	872,938	31.0	270,611
1984	189,615	4.8	910,152	36.5	332,205
1985	196,399	4.8	942,715	33.0	311,096
1986	196,783	4.8	944,558	37.3	354,209
1987	209,818	5.0	1,049,090	30.5	319,972
1988	217,455	5.0	1,087,275	36.5	396,855

¹Twelve month period beginning with December of the previous year.

²Liveweight equivalent price.

³Gross income including home consumption.

Broiler-Type Chicks Hatched By Commercial Hatcheries: Delaware, 1982 - 1988

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1,000 Birds													
1982	11,459	10,480	12,350	11,686	12,345	11,924	12,100	11,883	10,875	11,079	11,159	11,943	139,283
1983	11,911	10,528	12,229	12,231	12,340	12,100	12,074	11,830	11,217	10,826	11,043	12,063	140,392
1984	11,751	11,768	13,162	12,777	13,189	13,289	13,275	13,599	12,452	12,286	12,019	13,447	153,014
1985	13,733	12,408	14,312	14,087	14,787	14,594	14,157	13,564	12,985	12,968	13,497	14,533	165,625
1986	13,547	12,718	14,955	14,988	15,592	15,530	15,379	14,128	13,946	14,393	13,627	15,515	174,318
1987	15,305	12,753	14,687	14,513	15,247	15,345	16,044	15,120	14,046	14,548	13,773	15,471	176,852
1988	16,353	14,454	15,828	15,477	16,173	16,027	15,798	16,055	14,910	15,930	13,493	15,810	186,308

Chick Hatcheries: Number And Egg Capacity, January 1,
Selected Years, Delaware, 1975 - 1989

Year	Number of Hatcheries	Egg Capacity	Year	Number of Hatcheries	Egg Capacity
1975	9	15,083	1983	4	11,079
1977	9	15,255	1985	5	12,537
1979	7	15,255	1987	4	13,130
1981	4	11,115	1989	4	14,185

Egg Production: Number of Layers, Eggs Per Layer
And Total Production, Quarterly, Delaware, 1982 - 1988

Year	December- February 1/	March- May	June- August	September- November	Annual
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Layers on Farms-Thousand

					<u>Average</u>
1982	584	582	628	630	606
1983	615	628	645	642	633
1984	645	629	637	626	634
1985	573	564	616	620	594
1986	589	627	645	626	622
1987	639	697	710	704	688
1988	681	683	690	653	677

Total Eggs Per Layer During Quarter 2/

					<u>Total</u>
1982	55.9	57.7	57.0	54.5	226
1983	55.3	57.3	57.4	54.5	224
1984	54.3	52.5	58.1	55.9	221
1985	52.4	53.2	53.6	53.2	212
1986	52.6	54.2	55.8	54.3	217
1987	50.0	51.7	53.5	54.0	209
1988	54.3	54.2	53.6	53.6	216

Total Egg Production During Quarter-Millions

					<u>Total</u>
1982	33	34	36	34	137
1983	34	36	37	35	142
1984	35	33	37	35	140
1985	30	30	33	33	126
1986	31	34	36	34	135
1987	32	36	38	38	144
1988	37	37	37	35	146

1/ December of the preceding year.

2/ The annual eggs per layer may not add due to rounding.

Total Eggs: Production, Disposition and Value of Sales, Delaware, 1982 - 1988 1/

Year 2/	Hens & Pullets Of Laying Age 3/	Average Number Of Layers On Hand During Year	Eggs Per Layer 4/	Eggs Pro- Duced	Eggs Con- sumed In Farm House- Hold	Eggs Sold	Price Per Dozen	Cash Receipts From Sales
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								Thous.	
		<u>Thous. Birds</u>		<u>Number</u>	<u>Millions</u>		<u>Millions</u>	<u>Cents</u>	<u>Dollars</u>
1982	622	606	226	137	5/	137.0	85.0	9,662	
1983	642	633	224	142	5/	142.0	95.5	11,301	
1984	589	634	221	140	5/	140.0	105.0	12,250	
1985	578	594	212	126	NA	NA	98.0	10,290	
1986	615	622	217	135	--	--	98.0	11,025	
1987	676	688	209	144	--	--	101.0	12,120	
1988	608	677	216	146	--	--	106.0	12,897	

1/ Includes hatching eggs and eggs sold at retail by farmers.

2/ Marketing year is from December of the previous year to November 30 of the year shown.

3/ On hand December 1 of the previous year.

4/ Eggs produced divided by average number of layers on hand.

5/ Less than one-half million eggs.

Chickens: Inventory and Value on December 1, Delaware, 1982 - 1988

Year	Hens and Pullets of Laying Age			Pullets 3 Months Old And Older Not Of Laying Age	Pullets Under 3 Months	Other Chickens	Total Chickens	Value Per Bird	Total Value
	Hens	Pullets	Total						
	Thous. Birds							Dollars	Thous. Dollars
1982	70	552	622	140	110	51	923	2.00	1,846
1983	157	485	642	135	180	67	1,024	3.25	3,328
1984	129	460	589	101	106	52	848	3.05	2,586
1985	110	468	578	127	157	67	929	4.45	4,134
1986	150	465	615	104	145	74	938	4.05	3,799
1987	131	545	676	107	175	69	1,027	4.35	4,467
1988	193	415	608	235	76	67	986	5.00	4,930

Chickens and Turkeys: Production, Disposition and Value, Delaware, 1982 - 1988 1/

Year	Number Raised	Production Number	Production Pounds 2/	Home Consumption		Pounds Sold	Total Value 3/
				Number	Value		
		Thous. Birds	Thous. Pounds	Thous. Birds	Thous. Dollars	Thous. Pounds	Thous. Dollars
Chickens 4/							
1982	1,040	955	8,218	20	10	7,220	768
1983	1,103	1,013	7,215	12	8	6,750	953
1984	800	710	6,453	30	25	6,762	1,242
1985	--	--	--	--	--	6,400	960
1986	--	--	--	--	--	6,400	832
1987	--	--	--	--	--	5,678	625
1988	--	--	--	--	--	6,285	566
Turkeys 5/							
						Cents/lb.	
1982	238	--	5,093	--	--	40.0	2,037
1983	294	--	5,880	--	--	44.0	2,587
1984	64	--	1,408	--	--	49.0	690
1985	11	--	286	--	--	62.0	177
1986 6/	125	--	2,625	--	--	64.0	1,680
1987 6/	133	--	2,660	--	--	60.0	1,596
1988 6	135	--	2,835	--	--	60.0	1,701

1/ Marketing year is December 1 of the previous year through November 30 of the year shown.

2/ Number of pounds available for utilization during the year, i.e. sales plus home consumption plus or minus the change in inventory.

3/ Cash receipts plus value of production.

4/ Excludes commercial broilers. Marketing year is from December 1 of the previous year to November 30 of the year shown. Estimates discontinued in 1984.

5/ Based on hatch from September 1 of previous year to August 31 of the year shown.

6/ Includes Maryland and Delaware to avoid disclosure of individual operations.

DAIRY

Milk production in Delaware during 1988 at 135 million pounds, was 3 percent below the 1987 production of 139 million pounds. The number of milk cows on Delaware farms averaged 9,300 head, 200 cows less than the annual average for 1987. Annual milk production per cow at 14,516 pounds is slightly below the 14,632 annual production for 1987. Dairywomen in Delaware received an average of \$13.00 per hundredweight for their 1988 milk, down \$0.20 per hundredweight from the average of \$13.20 for last year.

Cash receipts from dairy products in 1988 totaled \$17.29 million, down 4 percent from the \$18.1 million received for 1987 milk marketings. Milk cash receipts amounted to 3.9 percent of the cash received by producers from all livestock and livestock products in Delaware. Milk comprised 2.9 percent of the total agricultural commodity cash receipts in the state.

Delaware milk cows were fed an average of 5,950 pounds of grain and concentrates per head during 1988, an increase of 4 percent or 240 pounds from the year earlier figure of 5,710 pounds. The average value of ration fed in 1988, at \$8.19 per hundredweight, was \$0.69 more than the \$7.50 per hundredweight value averaged in 1987.



Milk Cows And Milk Production, Delaware, 1975, 1978 - 1988
Production Of Milk And Milkfat

Year	Number of Milk Cows On Farms 1/	Per Milk Cow Milk	Per Milk Cow Milkfat	Percentage of Fat In All Milk Produced	Total Milk	Total Milkfat
	<u>Thous.</u>	<u>Pounds</u>		<u>Percent</u>	<u>Million Pounds</u>	
1975	11.7	10,855	398	3.67	127	4.7
1978	11.0	11,727	434	3.70	129	4.8
1979	10.7	11,869	436	3.67	127	4.7
1980	10.4	12,019	442	3.68	125	4.6
1981	10.1	12,277	453	3.69	124	4.6
1982	10.2	13,431	484	3.60	137	4.9
1983	10.3	13,301	489	3.68	137	5.0
1984	10.0	13,150	483	3.67	132	4.8
1985	10.3	14,282	521	3.65	147	5.4
1986	10.0	14,600	529	3.67	146	5.4
1987	9.5	14,632	540	3.69	139	5.1
1988	9.3	14,516	537	3.70	135	5.0

1/ Average number during year, excluding heifers not yet fresh.

Milk Utilized, Marketing, Income And Value Of Dairy Products,
Delaware, 1975, 1978 - 1988

Year	Combined Marketing of Milk & Cream				Milk Used On Farms Where Produced			Gross Farm Income	Farm Value of Milk
	Milk Utilized	Av. Returns 1/		Cash Receipts From	Fed to Calves 2/	All Milk Utilized 3/	Value 3/	From Dairy Products 4/	Produced 3/ 5/
		Per 100 Pounds	Per Pound						
	<u>Million Pounds</u>	<u>Dollars</u>		<u>Thous. Dollars</u>	<u>Million Pounds</u>			<u>Thous. Dollars</u>	
1975	124	9.51	2.59	11,794	1	2	190	11,984	12,078
1978	126	11.37	3.07	14,325	1	2	227	14,552	14,667
1979	124	12.67	3.45	15,717	1	2	253	15,970	16,097
1980	123	13.68	3.72	16,825	1	1	137	16,961	17,098
1981	122	14.30	3.88	17,446	1	1	143	17,589	17,732
1982	135	13.90	3.86	18,765	1	1	139	18,904	19,043
1983	135	14.00	3.80	18,900	1	1	140	19,040	19,180
1984	130	14.00	3.81	18,130	1	1	140	18,270	18,410
1985	145	13.10	3.59	19,008	1	1	131	19,139	19,270
1986	144	12.80	3.49	18,432	1	1	128	18,560	18,688
1987	137	13.20	3.58	18,084	1	1	132	18,216	18,348
1988	133	13.00	3.51	17,290	1	1	130	17,420	17,550

1/ Cash receipts divided by milk or milkfat represented in combined marketings. 2/ Excludes milk sucked by calves. 3/ Used for milk, cream and butter where produced, valued at averaged returns per 100 pounds of milk in combined marketing of milk and cream. 4/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm churned butter. 5/ Includes value of milk fed to calves.

Number Of Operations With Milk Cows

1986	230
1987	200
1988	180

**Milk Production: Number Of Cows, Production Per Cow And Total Production
Quarterly, Delaware 1980 - 1988**

Year	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Annual
<u>Milk Cows On Farm - Thousand Head 1/</u>					
1980	10.6	10.4	10.3	10.2	10.4
1981	10.0	10.1	10.0	10.2	10.1
1982	10.1	10.3	10.2	10.1	10.2
1983	10.2	10.3	10.2	10.3	10.3
1984	10.2	10.0	10.0	9.8	10.0
1985	10.0	10.0	10.5	10.5	10.3
1986	10.3	10.3	9.7	9.7	10.0
1987	9.7	9.7	9.5	9.1	9.5
1988	9.2	9.2	9.3	9.3	9.3
<u>Production Per Milk Cow - Pounds 2/ 3/</u>					
1980	3,050	3,100	3,000	2,900	12,019
1981	3,020	3,150	3,020	3,120	12,277
1982	3,330	3,470	3,250	3,420	13,431
1983	3,440	3,390	3,275	3,260	13,301
1984	3,280	3,400	3,200	3,270	13,150
1985	3,500	3,650	3,600	3,600	14,282
1986	3,590	3,690	3,710	3,610	14,600
1987	3,710	3,710	3,580	3,625	14,632
1988	3,800	3,750	3,570	3,475	14,516
<u>Total Production - Million Pounds 2/</u>					
1980	32.3	32.2	30.9	29.6	125
1981	30.2	31.8	30.2	31.8	124
1982	33.6	35.7	33.2	34.5	137
1983	35.1	34.9	33.4	33.6	137
1984	33.5	34.0	32.0	32.0	132
1985	35.0	36.5	37.8	37.8	147
1986	37.0	38.0	36.0	35.0	147
1987	36.0	36.0	34.0	33.0	139
1988	35.0	34.5	33.2	32.3	135

1/ Excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

3/ Quarterly milk production per cow may not add to the total for the year due to rounding of quarterly estimates.

**Average Per Cow, Grain & Concentrates Fed Daily And Average Value Per Cwt.
Of Ration Fed Quarterly, Delaware 1980 - 1988**

Year	Jan. 1 Pounds Fed	Jan. 1 Dollar Value	April 1 Pounds Fed	April 1 Dollar Value	July 1 Pounds Fed	July 1 Dollar Value	Oct. 1 Pounds Fed	Oct. 1 Dollar Value
1980	15.0	7.30	15.1	7.50	15.2	7.60	15.2	8.60
1981	16.0	10.00	14.0	9.05	14.0	9.00	14.2	8.40
1982	15.9	8.80	15.3	8.10	14.0	8.25	14.5	7.80
1983	15.6	7.80	16.0	8.30	14.5	7.80	14.5	8.75
1984	14.4	9.00	15.3	9.10	14.8	9.05	15.4	8.80
1985	15.9	8.50	16.4	7.85	15.0	7.50	14.0	7.40
1986	15.5	7.80	14.0	8.15	15.6	7.65	15.5	7.65
1987	16.4	7.55	16.0	7.40	16.0	7.50	15.9	7.25
1988	16.9	7.80	16.8	7.70	17.0	8.10	17.0	8.75

LIVESTOCK

The January 1, 1989 inventory of cattle and calves in Delaware at 29,000 head was unchanged from a year earlier. The average value per head for all cattle and calves was \$660 compared with the \$630 average of a year earlier. Cash receipts during 1988 for cattle and calves at \$3.31 million was down 11 percent from the \$3.71 million in cash receipts during 1987. Cattle slaughter for Delaware and Maryland combined for 1988 totaled 49,400, down 5 percent from 1987's 52,100 head. Calf slaughter in Delaware and Maryland during 1988 totaled 23,900 head, down 6 percent from the 25,500 head slaughtered in 1987.

Hog and pig inventory on December 1, 1988, totaled 33,000 head, down 43 percent, 25,000 head from the 58,000 on hand December 1, 1987. The average value per head for all hogs and pigs was \$70.50 compared with \$80.00 for 1987. Market hogs at 26,000 head accounted for 79 percent of the total inventory. Hog slaughter in Delaware and Maryland combined at 240,400 head was up 72 percent from the 139,400 slaughtered during 1987. Delaware farmers farrowed 11,600 sows during 1988 with an average of 7.5 pigs per litter. The pig crop amounted to 87,000 pigs. Sows farrowed decreased 5,400 from 1987, but pigs per litter gained 0.5 pig. The total pig crop decreased by 34,000 head.



Cattle: Number By Classes, Delaware, January 1, 1982 - 1989

Species and Class	1982	1983	1984	1985	1986	1987	1988	1989
<u>Thous. Head</u>								
All Cattle and Calves-January 1	35	36	30	26	27	31	29	29
Cows and Heifers that have calved	15	15	13	12	12	13	11	12
Beef Cows	5	5	3	2	2	3	2	3
Milk Cows	10	10	10	10	10	10	9	9
Heifers 500 pounds and over	9	9	5	5	6	4	4	4
For Beef Cow Replacement	1	1	1	1	1	1	1	1
For Milk Cow Replacement	4	4	3	3	3	2	2	2
Other	4	4	1	1	2	1	1	1
Steers 500 pounds and over	4	5	6	3	4	6	7	6
Bulls 500 pounds and over	1	1	1	1	1	1	1	1
Heifers, Steers and bulls Under 500 pounds	6	6	5	5	4	7	6	6
Calves born during year	13	13	11	10	10	13	11	11

Hogs: Number Class, Delaware, December 1, 1981 - 1988

Species and Class	1981	1982	1983	1984	1985	1986	1987	1988
All Hogs and Pigs-December 1	40	33	40	36	50	60	58	33
Breeding Hogs	5	5	5	6	10	11	10	7
Market Hogs	35	28	35	30	40	49	48	26
Under 60 pounds	8	9	12	11	20	20	17	15
60-119 pounds	9	8	7	6	6	12	10	5
120-179 pounds	8	5	9	6	6	8	7	4
180-pounds and over	10	6	7	7	8	9	14	2

Sows Farrowed, Pigs Per Litter And Pig Crops: Delaware, 1978 - 1988

Year	Sows Farrowed			Pigs Per Litter			Pig Crop		
	Dec - May ¹	June - Nov	Annual Total	Dec - May ¹	June - Nov	Annual Average	Dec - May ¹	June - Nov	Annual Total
	<u>Thous. Head</u>			<u>Number</u>			<u>Thous. Head</u>		
1978	5.0	6.0	11.0	7.0	6.9	6.9	35	41	76
1979	6.5	5.0	11.5	7.3	7.0	7.1	47	35	82
1980	5.5	5.5	11.0	7.0	7.0	7.0	39	39	78
1981	5.0	4.5	9.5	7.0	6.5	6.7	35	29	64
1982	5.0	3.1	8.1	6.8	7.0	6.9	34	22	56
1983	5.5	4.0	9.5	7.3	7.5	7.4	40	30	70
1984	4.8	3.6	8.4	7.5	7.2	7.4	36	26	62
1985	6.0	6.0	12.0	8.5	7.8	8.2	51	47	98
1986	8.9	9.6	18.5	8.0	6.9	7.4	71	66	137
1987	9.0	8.0	17.0	6.7	7.6	7.1	60	61	121
1988	5.2	6.4	11.6	8.3	6.9	7.5	43	44	87

¹December preceding year.

Number Of Livestock Farms, By Type: Delaware, 1978 - 1988

Year	Farms With Cattle	Farms With Milk Cows	Farms With Hogs & Pigs
1978	850	300	630
1979	780	280	620
1980	780	280	620
1981	760	270	600
1982	740	270	550
1983	720	250	500
1984	700	250	450
1985	700	230	350
1986	730	230	440
1987	700	220	420
1988	680	180	370

1/ An operation is any place having one or more head of the species on hand at any time during the year.

Number And Value Of Cattle And Calves On Farms
In Delaware, January 1, 1979 - 1989

Year	All Cattle & Calves Number	All Cattle & Calves Value Per Head	All Cattle & Calves Total Value
	<u>Thous. Head</u>	<u>Dollars</u>	<u>Thous. Dollars</u>
1979	30	460	13,800
1980	30	675	20,250
1981	32	745	23,840
1982	35	665	23,275
1983	36	585	21,060
1984	30	605	18,150
1985	26	615	15,990
1986	27	615	16,605
1987	31	560	17,360
1988	29	630	18,270
1989	29	660	19,140

Number And Value Of Hogs And Pigs On Farms In
Delaware, December 1, 1979 - 1988

Year	All Hogs & Pigs Number	All Hogs & Pigs Value Per Head	All Hogs & Pigs Total Value
	<u>Thous. Head</u>	<u>Dollars</u>	<u>Thous. Dollars</u>
1979	50	51.50	2,575
1980	56	74.00	4,144
1981	40	67.00	2,680
1982	33	89.50	2,954
1983	40	62.50	2,500
1984	36	70.00	2,520
1985	50	68.00	3,400
1986	60	95.00	5,700
1987	58	80.00	4,640
1988	33	70.50	2,327

Meat Animals: Inventory, Supply and Disposition, Delaware 1981 - 1988

Year & Class	On Hand First Of Year	Births	Inship- ments	Market- ings 2/	Farm Slaughter 3/	Deaths	On Hand End Of Year
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Thous. Head

Cattle & Calves 1/

1981	32	12	--	6	1	2	35
1982	35	13	4	12	1	3	36
1983	36	11	0	13	1	3	30
1984	30	10	0	11	1	2	26
1985	26	10	0	6	1	2	27
1986	27	13	0	6	1	2	31
1987	31	11	0	10	1	2	29
1988	29	11	0	8	1	2	29

Hogs & Pigs 1/

1981	56	64	6	76.0	1.0	9	40
1982	40	56	6	62.5	0.5	6	33
1983	33	70	6	61.9	0.1	7	40
1984	40	62	6	66.9	0.1	5	36
1985	36	98	5	83.9	0.1	5	50
1986	50	137	7	126.9	0.1	7	60
1987	60	121	8	122.9	0.1	8	58
1988	58	87	5	111.0	1.0	5	33

1/ Cattle and calves - January 1 - January 1; Hogs and pigs - December 1 to December 1. 2/ Includes custom slaughter for use on farms where produced, but excludes inter-farm sales within the state. 3/ Excludes custom slaughter for farmers at commercial establishments.

Meat Animals: Production and Income, Delaware, 1981 - 1988

Year & Class	Produc- tion 1/	Market- ings 2/	Average Price Per 100 Pounds	Value Of Produc- tion	Cash Receipts 3/	Value Of Home Con- sumption	Gross Income
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Dollars

Thous. Pounds

Cattle Calves

Thous. Dollars

Cattle & Calves

1981	6,680	3,565	51.20	80.90	3,714	2,026	768	2,794
1982	4,800	4,630	50.30	70.30	2,750	2,615	1,182	3,797
1983	4,260	6,725	49.90	67.00	2,341	3,583	1,266	4,849
1984	5,045	6,275	51.60	64.50	2,749	3,350	1,296	4,646
1985	7,595	3,755	47.60	61.80	3,652	1,826	1,229	3,055
1986	8,375	3,755	46.10	57.90	4,038	1,763	1,291	3,054
1987	8,145	6,645	54.20	67.80	4,514	3,711	1,517	5,228
1988	7,895	5,240	61.40	78.20	4,981	3,308	1,673	4,981

Hogs & Pigs

1981	14,115	15,680	45.50		6,432	7,203	216	7,419
1982	11,306	12,766	54.70		6,211	7,160	82	7,242
1983	13,221	12,656	48.70		6,446	6,217	22	6,236
1984	13,251	13,785	48.00		6,385	6,785	22	6,807
1985	19,102	17,606	44.40		8,522	7,960	20	7,980
1986	28,140	27,100	48.40		13,643	13,295	26	13,321
1987	25,925	26,041	50.10		13,012	13,253	27	13,280
1988	18,458	22,515	42.10		7,812	9,622	181	9,803

1/ Adjustments made for inshipments and changes in inventory. 2/ Excludes custom slaughter for use on farms where produced and inter-farm sales within state. 3/ Receipts from marketings and sale of farm slaughter.

Commercial Livestock Slaughtered 1/: Maryland and Delaware, 1987 - 1988

Species And Month	1987 No. of Head Slaughtered	1987 Average Liveweight	1987 Total Liveweight	1988 No. of Head Slaughtered	1988 Average Liveweight	1988 Total Liveweight
	<u>Thous.</u>	<u>Pounds</u>	<u>Thous. Lbs.</u>	<u>Thous.</u>	<u>Pounds</u>	<u>Thous. Lbs.</u>
<u>Cattle</u>						
January	4.7	1,135	5,308	4.0	1,159	4,655
February	4.4	1,148	5,061	4.1	1,176	4,791
March	4.7	1,167	5,527	4.7	1,182	5,508
April	4.3	1,170	5,069	3.7	1,196	4,469
May	4.0	1,176	4,726	4.0	1,186	4,770
June	4.0	1,178	4,753	4.1	1,189	4,916
July	3.7	1,188	4,349	3.3	1,166	3,858
August	3.9	1,182	4,572	4.4	1,186	5,194
September	4.4	1,183	5,234	4.1	1,166	4,781
October	4.5	1,164	5,271	4.3	1,154	4,968
November	4.7	1,146	5,383	4.4	1,154	5,113
December	4.7	1,161	5,464	4.2	1,160	4,883
Total 2/	52.1	1,166	60,717	49.4	1,173	57,906
<u>Calves</u>						
January	2.5	372	937	1.7	365	610
February	2.5	384	958	1.6	374	610
March	2.0	383	757	1.8	376	671
April	2.7	367	974	1.3	376	484
May	2.1	370	777	2.0	368	743
June	2.3	364	820	1.9	370	705
July	1.9	362	686	1.2	373	458
August	1.2	283	339	1.8	375	685
September	2.1	371	780	2.2	375	824
October	2.3	360	846	2.4	373	896
November	1.5	356	537	3.2	384	1,224
December	2.4	363	877	2.8	381	1,068
Total	25.5	365	9,287	23.9	375	8,976
<u>Hogs</u>						
January	6.0	230	1,377	18.3	226	4,126
February	5.3	244	1,297	19.6	225	4,395
March	6.4	238	1,525	20.0	221	4,419
April	7.2	244	1,747	18.0	219	3,934
May	7.4	244	1,793	21.4	223	4,751
June	8.8	237	2,081	19.3	216	4,161
July	8.7	220	1,920	17.4	211	3,668
August	14.1	219	3,074	19.4	214	4,158
September	16.4	218	3,555	21.3	212	4,530
October	19.7	227	4,478	21.6	218	4,699
November	19.1	221	4,210	22.4	215	4,821
December	20.4	214	4,373	21.9	203	4,446
Total 2/	139.4	225	31,431	240.4	217	52,109
<u>Sheep And Lambs</u>						
January	1.3	106	139	1.2	108	134
February	1.2	108	131	1.2	111	139
March	1.5	114	170	1.6	110	175
April	1.6	101	159	1.3	103	132
May	1.3	104	135	1.5	105	154
June	1.4	102	142	1.7	104	173
July	1.5	102	151	2.0	108	218
August	1.8	104	183	2.2	107	231
September	1.8	106	189	1.7	105	184
October	1.6	103	165	1.8	106	186
November	1.6	108	175	1.6	105	166
December	1.6	106	165	1.6	107	171
Total 2/	18.1	105	1,903	19.4	107	2,063

1/ Includes slaughter under federal inspection and other commercial slaughter;
excludes farm slaughter.

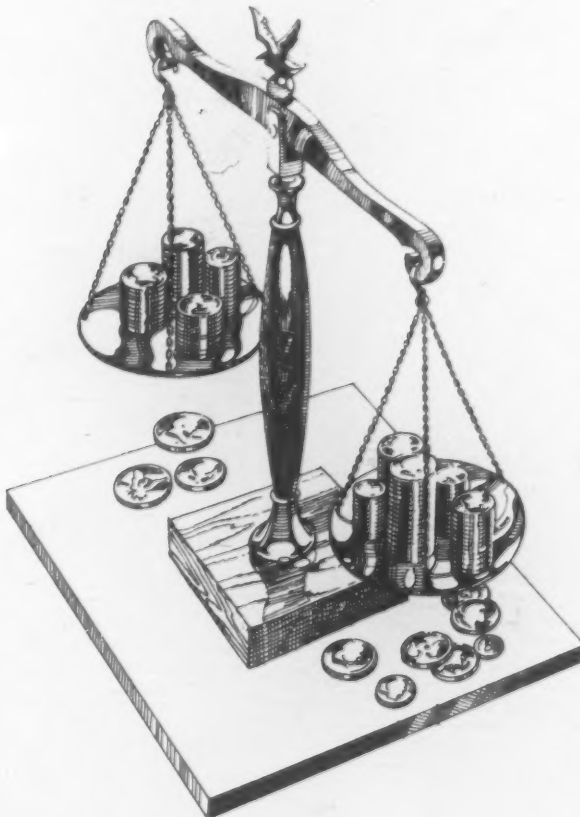
2/ May not add due to rounding.

Income And Prices

Delaware farmers netted a total of \$215.8 million in 1988. This net income is up 54 percent from 1987's \$139.7 million net receipts, and up 30 percent from the previous record cash receipts of \$165.2 million in 1986.

Cash receipts (not including forest products) at \$598.1 million were up \$108.7 million due primarily to increased returns from the sale of broilers. Broiler cash receipts amounted to \$396.9 million compared with \$320.0 million in 1987.

Cash receipts from the sale of all crops in 1988 increased 33 percent to \$154.4 million. Field crops contributed most to the increase in cash receipts for crops.



Cash Receipts From Marketings, by Commodities, Delaware 1986 - 1988 1/

Commodity	1986 Value \$1,000	1986 Percent Of Total	1987 Value \$1,000	1987 Percent Of Total	1988 Value \$1,000	1988 Percent Of Total
<u>Livestock And Products</u>	401,612	76.8	370,312	75.6	443,658	74.2
Broilers	354,209	67.8	319,972	65.4	396,855	66.3
Dairy Products	18,432	3.5	18,084	3.7	17,290	2.9
Hogs	13,295	2.5	13,253	2.7	9,622	1.6
Eggs	11,025	2.1	12,120	2.5	12,897	2.2
Cattle & Calves	1,763	.3	3,711	.8	3,308	.6
Farm Chickens	832	.2	625	.1	566	.1
Other 2/	2,056	.4	2,547	.5	3,120	.5
<u>All Crops</u>	118,342	22.7	116,376	23.8	154,442	25.8
Field Crops	59,827	11.5	47,402	9.7	77,578	13.0
Soybeans	28,429	5.4	23,207	4.7	41,229	6.9
Corn	23,454	4.5	15,465	3.2	20,989	3.5
Wheat	3,502	.7	4,461	.9	10,643	1.8
Barley	3,565	.7	3,353	.7	3,360	.6
Hay	587	.1	629	.1	1,012	.2
Rye	160	*	127	--	175	--
Other 3/	130	*	160	--	170	--
Vegetables And Melons	30,042	5.7	31,040	6.3	36,497	6.1
Potatoes	8,151	1.6	11,232	2.3	16,142	2.7
Green Peas	3,695	.7	2,844	.6	2,120	.4
Snap Beans 4/	/5	--	5/	--	5/	--
Sweet Corn 4/	1,119	.2	1,392	.3	1,821	.3
Other Vegetables	17,077	3.3	15,572	3.2	16,414	2.7
Fruits & Nuts	3,538	.7	3,540	.7	5,134	.9
Apples	2,418	.5	2,840	.6	3,944	.7
Peaches	500	.1	170	--	660	.1
Misc. Fruits & Nuts	620	.1	530	.1	530	.1
Greenhouse & Nursery	20,000	3.8	30,000	6.1	31,500	5.3
Mushrooms	4,935	.9	4,394	.9	3,733	.6
Forest Products 6/	2,185	.4	2,750	.6	N/A	N/A
<u>All Commodities</u>	522,139	100.0	489,438	100.0	598,100	100.0

* Less than .05 percent

1/ Figures provided by Economic Research Service, USDA.

2/ Includes miscellaneous livestock, poultry and products, horses, mink pelts, etc.

3/ Includes seed and other field crops.

4/ Processing only.

5/ Not published to avoid disclosure of individual operations. Included in other vegetables.

6/ Not included in farm income computations on page 42.

7/ Not available.

Farm Income, Delaware 1983 - 1988 1/

Item	1983	1984	1985	1986	1987	1988
----- Million Dollars -----						
Gross Farm Income:						
Cash Receipts from Farm Marketings	458.0	525.5	492.1	520.0	486.7	598.1
Direct Government Payment 2/	4.1	5.2	3.2	7.0	12.2	10.5
Non-Money items & Related Income	26.4	31.3	29.9	29.1	28.7	30.3
Inventory Change	-5.3	-1.8	5.0	-1.3	-3.6	2.8
Total	483.1	560.2	530.2	554.8	524.0	641.7
Farm Production Expenses	408.1	426.4	417.2	389.6	384.3	425.9
Net Farm Income						
Current Dollars	75.0	133.8	113.0	165.2	139.7	215.8

1/ Source: Economic Research Service publication: "Economic Indicators of the Farm Sector." Cash receipts include net CCC loans. Details may not add due to rounding.

2/ Includes cash payments and PIK entitlements.

Farm Production Expenses, Delaware, 1983 - 1988

Item	1983	1984	1985	1986	1987	1988
----- Million Dollars -----						
Feed	165.1	167.9	162.7	159.0	158.0	175.0
Livestock & Poultry Purchased	41.1	46.0	47.9	45.5	45.4	48.7
Seed	6.6	7.6	7.4	6.6	6.6	6.9
Fertilizer and Lime	18.3	23.1	19.3	14.2	13.1	17.2
Fuels and Oil	12.8	12.2	11.2	8.2	7.6	7.7
Interest						
Non-Real Estate	11.2	10.2	17.0	15.4	13.0	14.3
Mortgage	16.8	16.6	14.6	13.5	12.7	14.4
Hired Labor	19.6	19.5	19.7	19.8	21.6	22.4
Repair and Operation	11.5	11.7	12.4	12.3	12.3	12.8
Miscellaneous	52.5	61.3	56.8	53.6	55.7	60.8
Depreciation	42.2	39.4	38.2	34.1	30.4	33.3
Property Taxes	1.5	1.4	1.4	1.4	1.4	1.5
Net Rent to Non-Operator Landlords	9.0	9.5	8.6	6.0	6.5	10.9
Total	408.1	426.4	417.2	389.6	384.3	425.9

1/ Source: Economic Research Service publication: "Economic Indicators of the Farm Sector." Details may not add due to rounding.

U.S. Farm Production Expenditures

Farm production expenditures totaled \$118.4 billion in 1988, up 7.5 percent from \$110.1 billion in 1987. Expenditures were higher for all major categories except interest which decreased 3.7 percent and building and fencing which declined 10 percent. Farm services including rent, the largest 1988 expenditures by farmers at \$24.6 billion, accounted for 21 percent of the Nation's production expenses. This level was 2.7 percent above 1987. Feed expenses totaled \$17.9 billion and accounted for 15 percent of the U.S. total. Average expenditures per farm were \$54,956, an increase of \$4,165 from 1987.

Large farm (sales over \$100,000) expenditures averaged \$271,481 and accounted for over 88 percent of the U.S. total. Purchases of farm services, feed, labor, and livestock & poultry were major expenses (nearly 60 percent of the total) for operations with sales over \$100,000. The large farms accounted for more than one-half of the U.S. expenses for farm services, feed, labor, livestock & poultry, farm machinery, interest, and fertilizer.

Medium sized farms (sales of \$40,000-\$100,000) expenses averaged \$75,371 for 1988 and contributed 16 percent of the U.S. total. Leading expenditures for medium sized farms were farm services, feed, and farm machinery.

Small farm (sales less than \$40,000) expenditures averaged \$15,464 and accounted for 15 percent of the Nation's production expenses. The three leading expenditure categories for small farms were feed, farm services, and farm machinery.

Farm Production Expenditures, United States 1987 - 1988

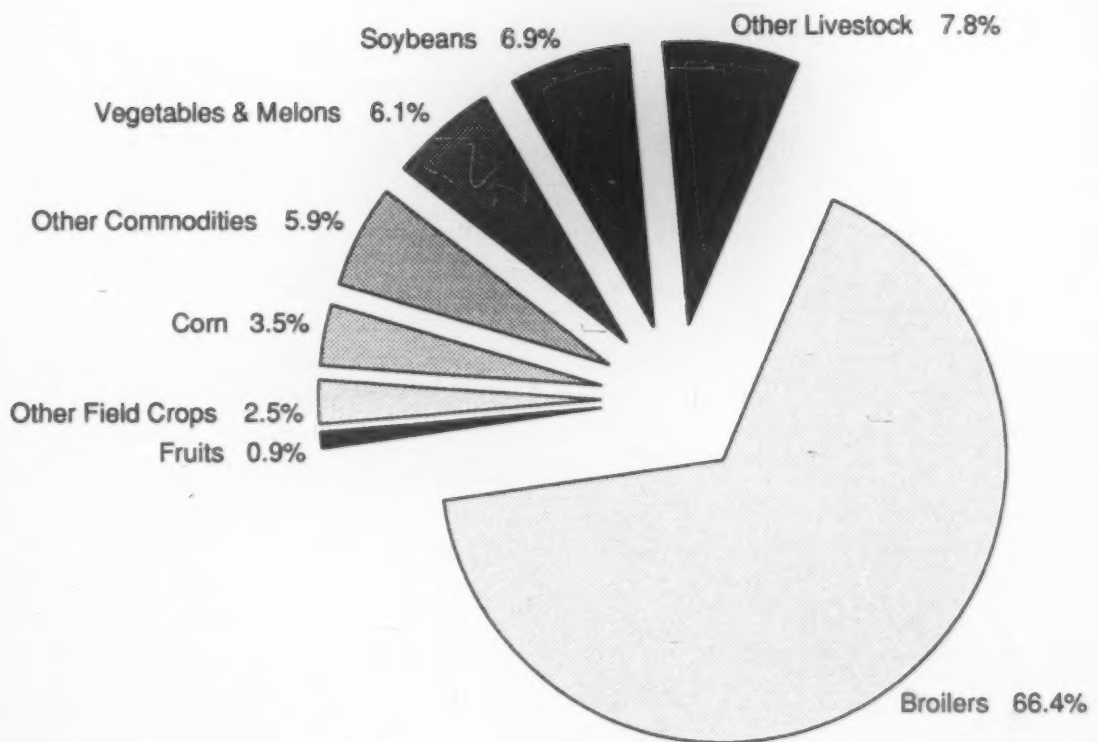
Expenditure Farm Share	U.S. Average Per Farm 1987	U.S. Average Per Farm 1988	U. S. Total Expenditures		Northeast U.S. Total Expenditures 1/	
			1987	1988	1987	1988
	<u>Dollars</u>		<u>Million Dollars</u>		<u>Million Dollars</u>	
Total Expenditures	50,791	54,956	110,142	118,362	8,063	7,861
Livestock & Poultry	4,929	6,318	10,688	13,607	557	590
Feed	6,857	8,318	14,869	17,915	1,973	1,553
Farm Services	11,061	11,436	23,987	24,630	1,248	1,237
Ag Chemicals & Sprays	1,731	1,792	3,754	3,859	162	187
Fertilizer	2,951	3,230	6,399	6,958	336	373
Interest	4,005	3,884	8,685	8,365	463	453
Taxes (Property)	1,259	1,824	2,730	3,928	275	302
Labor	4,613	4,747	10,003	10,224	854	1,077
Fuels & Lubricants	2,006	2,066	4,351	4,450	260	267
Farm Supplies	874	1,044	1,895	2,249	194	255
Building & Fencing	1,145	1,034	2,482	2,226	450	255
Farm & Land Improvements	353	438	766	943	50	67
Farm Machinery	5,072	5,340	10,998	11,501	873	904
Seeds & Plants	1,632	1,714	3,540	3,692	201	209
Trucks & Autos	852	956	1,848	2,058	136	101

1/ Includes Delaware, Maryland, New England, New Jersey, New York and Pennsylvania.

Delaware Cash Farm Receipts

Major Commodities

1988



Average Prices Received By Farmers, Delaware, 1984 - 1988 1/

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Season Average
<u>Corn-Dollars Per Bushel</u>													
1984	3.36	3.65	3.77	3.89	3.86	3.85	3.71	3.16	3.24	2.86	2.89	2.87	2.95
1985	2.95	2.94	2.93	3.02	2.96	2.92	2.72	2.58	2.37	2.29	2.40	2.58	2.45
1986	2.62	2.56	2.55	2.55	2.64	2.57	2.25	1.97	1.78	1.78	1.80	1.77	1.77
1987	1.74	1.70	1.72	1.79	1.96	2.01	1.85	1.75	1.90	1.99	2.03	2.08	2.05
1988	2.18	2.22	2.24	2.25	2.30	2.31	3.69	3.12	3.11	3.12	2.93	2.96	3.05
<u>Barley-Dollars Per Bushel</u>													
1984	2.69	2.73	2.77	2.45	2.36	2.22	2.17	2.15	2.04	1.96	1.94	1.94	2.15
1985	1.93	1.95	1.95	1.85	1.65	1.47	1.42	1.41	1.43	1.41	1.42	1.43	1.45
1986	1.43	1.40	1.55	1.32	1.34	1.25	1.17	1.17	1.14	1.20	1.30	1.40	1.35
1987	1.40	1.45	1.40	1.35	1.36	1.14	1.11	1.13	1.20	1.25	1.20	1.30	1.15
1988	1.45	1.60	1.54	1.59	1.72	1.67	1.96	1.90	2.09	2.15	2.15	2.07	1.80
<u>Wheat-Dollars Per Bushel</u>													
1984	3.64	3.47	3.69	3.70	3.59	3.46	3.32	3.33	3.27	3.13	3.21	3.12	3.30
1985	3.14	3.16	3.14	3.10	3.08	3.06	2.86	2.68	2.66	2.80	3.07	3.06	2.88
1986	3.30	3.20	3.25	3.21	3.05	2.45	2.40	2.34	2.43	2.56	2.50	2.92	2.44
1987	3.00	2.80	2.95	3.05	3.02	2.46	2.40	2.47	2.73	2.90	2.85	2.77	2.45
1988	3.00	2.86	2.76	2.92	2.80	3.43	3.52	3.47	3.73	3.80	3.83	3.93	3.55
<u>Rye-Dollars Per Bushel</u>													
1984	2.50	2.45	2.50	2.60	2.53	2.45	2.10	2.11	2.05	2.10	2.21	2.23	2.12
1985	2.69	2.29	2.35	2.38	2.19	2.04	2.04	2.05	2.05	2.33	2.50	2.54	2.10
1986	2.48	2.28	2.23	2.30	2.20	1.85	1.55	1.65	1.60	1.65	1.65	2.00	1.62
1987	1.98	1.85	1.75	1.70	2.12	1.80	1.73	1.65	1.75	1.80	1.80	1.90	1.75
1988	1.93	1.88	1.73	1.69	1.83	1.55	1.55	1.54	2.36	3.14	4.55	3.84	2.00
<u>Soybeans-Dollars Per Bushel</u>													
1984	7.02	7.27	7.84	7.96	8.42	8.00	6.59	6.06	5.94	5.88	5.99	5.80	5.87
1985	5.80	5.90	5.87	6.02	5.74	5.67	5.45	5.04	4.97	4.88	4.89	5.10	5.00
1986	5.28	5.15	5.30	5.10	5.07	4.92	4.85	4.64	4.63	4.60	4.86	4.82	4.84
1987	4.87	4.83	4.84	5.10	5.50	5.60	5.24	5.06	5.20	5.27	5.53	5.85	5.90
1988	6.11	6.12	6.18	6.63	7.18	8.79	8.62	8.37	8.47	7.80	7.51	7.56	7.60
<u>All Hay-Dollars Per Ton</u>													
1984	110.00	111.00	103.50	119.00	132.00	102.00	104.00	103.00	93.00	104.00	95.00	99.00	94.00
1985	93.00	96.00	87.00	91.00	83.00	82.00	83.00	84.00	83.00	81.00	82.00	83.00	84.00
1986	86.00	90.00	84.00	83.00	81.00	82.00	90.00	97.00	108.00	114.00	127.00	129.00	118.00
1987	124.00	130.00	125.00	118.00	114.00	91.00	93.00	97.00	102.00	101.00	106.00	106.00	99.00
1988	95.00	95.00	92.00	99.00	93.00	97.00	105.00	105.00	122.00	108.00	111.00	103.00	110.00
<u>Alfalfa Hay-Dollars Per Ton</u>													
1984	141.00	143.00	125.00	145.00	144.00	120.00	127.00	131.00	105.00	120.00	109.00	114.00	110.00
1985	105.00	115.00	100.00	110.00	95.00	92.00	91.00	96.00	95.00	93.00	95.00	95.00	96.00
1986	100.00	105.00	96.00	93.00	97.00	95.00	105.00	110.00	120.00	123.00	140.00	140.00	110.00
1987	136.00	140.00	135.00	130.00	125.00	98.00	102.00	111.00	120.00	115.00	118.00	120.00	121.00
1988	100.00	100.00	100.00	109.00	103.00	105.50	115.00	123.50	142.00	133.00	127.00	120.00	115.00
<u>All Other Hay-Dollars Per Ton</u>													
1984	93.00	94.00	91.50	105.00	125.00	93.00	92.50	88.50	86.00	95.00	87.00	91.00	87.00
1985	86.00	85.50	79.00	81.00	77.00	75.00	77.00	73.50	73.00	70.50	72.00	72.50	74.00
1986	75.00	77.00	75.00	75.00	68.00	71.00	77.00	86.00	99.00	107.00	117.00	120.00	109.00
1987	115.00	121.00	116.00	109.00	105.00	85.00	85.00	85.00	88.00	90.00	97.00	95.00	89.00
1988	94.00	90.00	85.00	90.00	84.00	90.00	97.50	90.00	105.00	86.50	98.00	88.50	91.50
<u>Beef Cattle-Dollars Per Cwt.</u>													
1984	50.00	50.30	55.70	58.90	53.10	51.20	51.50	52.10	50.80	49.40	49.80	48.30	51.60
1985	50.40	52.30	51.80	50.10	48.50	46.40	45.80	43.80	42.40	42.70	49.20	48.20	47.60
1986	47.70	45.80	45.80	43.90	44.40	45.60	45.10	47.50	48.20	46.00	46.90	46.00	46.10
1987	47.70	50.10	51.30	54.20	56.70	58.40	55.60	54.00	55.90	56.50	57.60	54.70	54.20
1988	59.50	61.10	60.00	62.30	63.90	61.40	61.60	60.50	63.20	62.10	60.20	61.10	61.40

1/ Data series in each category begins with 1983 and ends with 1988.

2/ Marketing seasons at end of tables.

Average Prices Received By Farmers, Delaware, 1984 - 1988

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Season Average 1/
<u>Steers And Heifers-Dollars Per Cwt.</u>													
1984	57.00	56.90	62.50	67.70	59.10	56.30	57.20	57.70	56.70	56.40	56.10	54.40	58.00
1985	56.00	57.50	57.00	55.70	52.60	49.90	48.90	47.70	45.80	46.40	56.00	54.50	52.40
1986	52.70	50.00	51.00	48.70	50.00	49.70	50.00	53.00	54.00	51.00	52.00	51.20	51.10
1987	52.70	55.00	56.50	60.00	62.30	64.30	61.00	60.00	62.00	64.00	64.90	59.90	60.10
1988	65.80	67.90	66.30	68.40	70.00	69.00	68.70	66.40	74.50	68.60	65.90	68.10	68.30
<u>Cows-Dollars Per Cwt. 2/</u>													
1984	37.00	38.00	43.10	42.50	42.00	41.00	41.00	41.60	39.70	36.30	38.10	37.10	39.70
1985	39.80	42.60	42.00	39.80	41.00	39.80	39.90	36.50	36.00	35.80	36.50	36.60	38.80
1986	38.50	38.00	36.20	35.00	34.10	38.10	35.90	37.20	37.50	36.70	37.50	36.40	36.80
1987	38.50	40.90	41.50	43.50	46.40	47.30	45.50	41.00	44.70	42.50	44.00	45.00	43.30
1988	47.90	48.60	48.20	51.00	52.60	47.40	48.30	49.50	42.10	50.00	44.60	48.20	48.60
<u>Calves-Dollars Per Cwt.</u>													
1984	66.30	65.90	71.60	66.00	69.40	65.00	63.50	59.50	62.10	62.40	60.00	60.50	64.50
1985	64.00	66.00	65.00	63.90	66.00	64.70	58.70	55.10	56.00	60.20	62.00	59.50	61.80
1986	59.90	59.10	61.00	59.00	55.70	62.00	59.20	55.00	58.80	56.00	56.00	55.00	57.90
1987	56.60	58.00	60.00	63.00	73.00	72.10	74.20	76.00	73.30	74.00	71.20	73.50	67.80
1988	79.40	81.40	73.40	79.10	82.10	80.80	80.80	79.00	85.00	75.60	78.20	77.10	78.20
<u>Hogs-Dollars Per Cwt.</u>													
1984	49.80	48.10	46.40	46.80	47.60	50.20	54.10	51.00	47.20	44.50	48.90	47.90	48.00
1985	47.60	49.50	43.70	39.90	40.50	43.10	47.80	44.50	40.00	43.40	43.40	43.70	44.40
1986	45.00	43.90	40.00	39.30	43.20	48.30	57.50	57.70	59.10	51.30	52.60	52.40	48.40
1987	46.40	48.20	45.40	48.20	53.00	55.20	58.00	56.60	54.70	47.70	43.50	40.20	50.10
1988	41.70	46.30	43.30	42.60	44.40	47.90	44.60	46.40	41.40	39.80	38.30	37.10	42.10
<u>Broilers-Cents Per Pound</u>													
1984	41.0	41.0	40.5	36.0	36.5	36.0	37.5	34.0	33.5	31.5	32.0	29.5	36.5
1985	35.0	35.0	31.5	30.5	33.5	35.0	33.0	32.5	34.0	31.0	34.5	31.5	33.0
1986	34.5	32.0	33.5	33.5	37.0	39.5	45.5	45.0	40.5	42.0	37.0	31.0	37.5
1987	33.0	32.5	30.0	31.0	31.0	28.5	29.5	35.0	29.5	26.0	29.0	27.0	30.5
1988	29.5	28.5	32.0	30.5	39.0	42.0	42.0	45.0	47.0	39.0	37.0	39.0	36.5
<u>Chickens, Excluding Broilers-Cents Per Pound</u>													
1984	31.0	28.0	26.0	20.0	15.0	9.0	9.0	12.0	17.0	18.0	20.0	9.5	18.0
1985	11.0	13.0	12.0	11.0	15.0	16.0	19.0	20.0	20.0	17.0	25.0	17.0	15.0
1986	14.0	12.0	9.0	9.0	10.0	8.0	14.0	15.0	13.0	20.0	21.0	19.0	13.0
1987	18.0	15.0	12.0	9.0	6.0	5.0	7.0	11.0	12.0	10.0	13.0	5.0	11.0
1988	4.2	4.1	4.5	5.5	3.5	3.5	8.5	21.0	19.5	19.0	20.0	15.0	9.0
<u>All Eggs, Cents Per Dozen 3/</u>													
1984	117.0	114.0	109.0	112.0	105.0	99.0	99.0	102.0	100.0	99.0	96.0	102.0	105.0
1985	97.0	94.0	96.0	99.0	97.0	98.0	95.0	99.0	97.0	101.0	100.0	99.0	98.0
1986	99.0	94.0	101.0	95.0	93.0	93.0	101.0	102.0	102.0	100.0	102.0	106.0	98.0
1987	99.0	98.0	97.0	99.0	98.0	97.0	99.0	100.0	104.0	98.0	103.0	103.0	101.0
1988	94.0	86.0	91.0	107.0	111.0	111.0	106.0	113.0	114.0	109.0	112.0	112.0	106.0

1/ See marketing seasons at the end of table. 2/ Includes cull dairy cows sold for slaughter, but not dairy cows for herd replacements. 3/ Includes table eggs and hatching eggs.

Marketing Season For Delaware Commodities

Apples:	July 1 to June 30	Rye:	July 1 to June 30
Soybeans:	Sept. 1 to Aug. 31	Soybeans:	Sept. 1 to Aug. 31
Barley:	June 1 to May 31	Sweet Potatoes:	Sept. 1 to Aug. 31
Corn for grain:	Sept. 1 to Aug. 31	Wheat:	June 1 to May 31
Hay:	June 1 to May 31	Cattle & Calves:	Jan. 1 to Dec. 31
Oats:	June 1 to May 31	Hogs:	Dec. 1 to Nov. 30
Peaches:	July 1 to Sept. 30	Poultry:	Dec. 1 to Nov. 30
Potatoes:	July - Dec. current year	Eggs:	Dec. 1 to Nov. 30

County Summary Highlights, December, 1987 1/

Item	New Castle	Kent	Sussex
Farms, Number	380	857	1,729
Land in Farms, Acres	93,998	201,444	312,803
Farms by Size:			
1 to 9 Acres	35	73	406
10 to 49 Acres	114	251	502
50 to 499 Acres	98	268	422
180 to 499 Acres	78	162	241
500 to 999 Acres	30	57	101
1,000 Acres or More	25	46	57
Total Cropland, Farms	363	791	1,243
Total Cropland, Acres	78,162	170,377	252,751
Irrigated Land, Farms	44	113	227
Irrigated Land, Acres	2,063	18,521	40,228
Farms by Value of Sales:			
Less than \$2,500	107	199	234
\$2,500 to \$4,999	37	115	118
\$5,000 to \$9,999	40	111	146
\$10,000 to \$24,999	55	101	124
\$25,000 to \$49,999	36	86	92
\$50,000 to \$99,999	41	59	157
\$100,000 or More	64	186	858
Operators by Principal Occupation			
Farming	211	483	1,080
Other	169	374	649
Livestock - Cattle & Calves Inventory			
Number of Farms	83	226	152
Number of Cattle & Calves	4,619	16,179	10,393
Livestock - Beef Cows Inventory			
Number of Farms	37	82	97
Number of Beef Cows	374	788	1,025
Livestock - Milk Cows Inventory			
Number of Farms	20	113	36
Number of Milk Cows	1,750	5,432	2,172
Livestock - Hogs & Pigs Inventory			
Number of Farms	15	97	189
Number of Hogs & Pigs	1,079	5,958	42,677

1/ Selected data from the 1987 Census of Agriculture, Bureau of the Census, U.S. Department of Commerce.

Total Commercial Fertilizers
Consumption In Delaware 1/

July 1, 1986 - June 30, 1987	July 1, 1987 - June 30, 1988
------------------------------	------------------------------

----- Nutrient Tons -----		
Mixtures		
N	4,851	4,763
P205	5,924	5,636
K20	7,062	6,338
Total	17,837	16,737
Mixtures and Materials Combined		
N	16,516	26,087
P205	6,275	5,826
K20	13,681	12,294
Total	36,472	44,207

1/ Source: National Fertilizer Development Center, Tennessee Valley Authority.

Commercial Fertilizer, Direct Application Materials
Years Ended June 30, 1987 - 1988 1/

Fertilizer	Delaware 1987	Delaware 1988	United States 1987	United States 1988
------------	------------------	------------------	-----------------------	-----------------------

----- Tons -----				
Ammonia				
Anhydrous	367	12,503	4,527,725	4,603,192
Ammonium				
Nitrate	1,349	1,137	1,643,500	1,746,525
Sulfate	5,463	6,447	632,999	742,718
Nitrogen				
Solutions	31,819	27,511	6,824,515	7,212,386
Sodium Nitrate	6	16	34,539	33,812
Urea	429	452	3,325,721	3,298,565
Superphosphates				
Under 22%	3	0	49,374	28,096
Over 22%	752	412	624,378	591,042
Other Phosphate	41	2	415,395	292,743
Potassium				
Chloride				
60% and 62%	10,939	9,874	4,905,640	5,035,450
Potassium				
Sulfate 50% K20	12	11	65,818	98,745
Other Potassium	248	98	251,144	249,949

1/ Source: National Fertilizer Development Center, Tennessee Valley Authority.

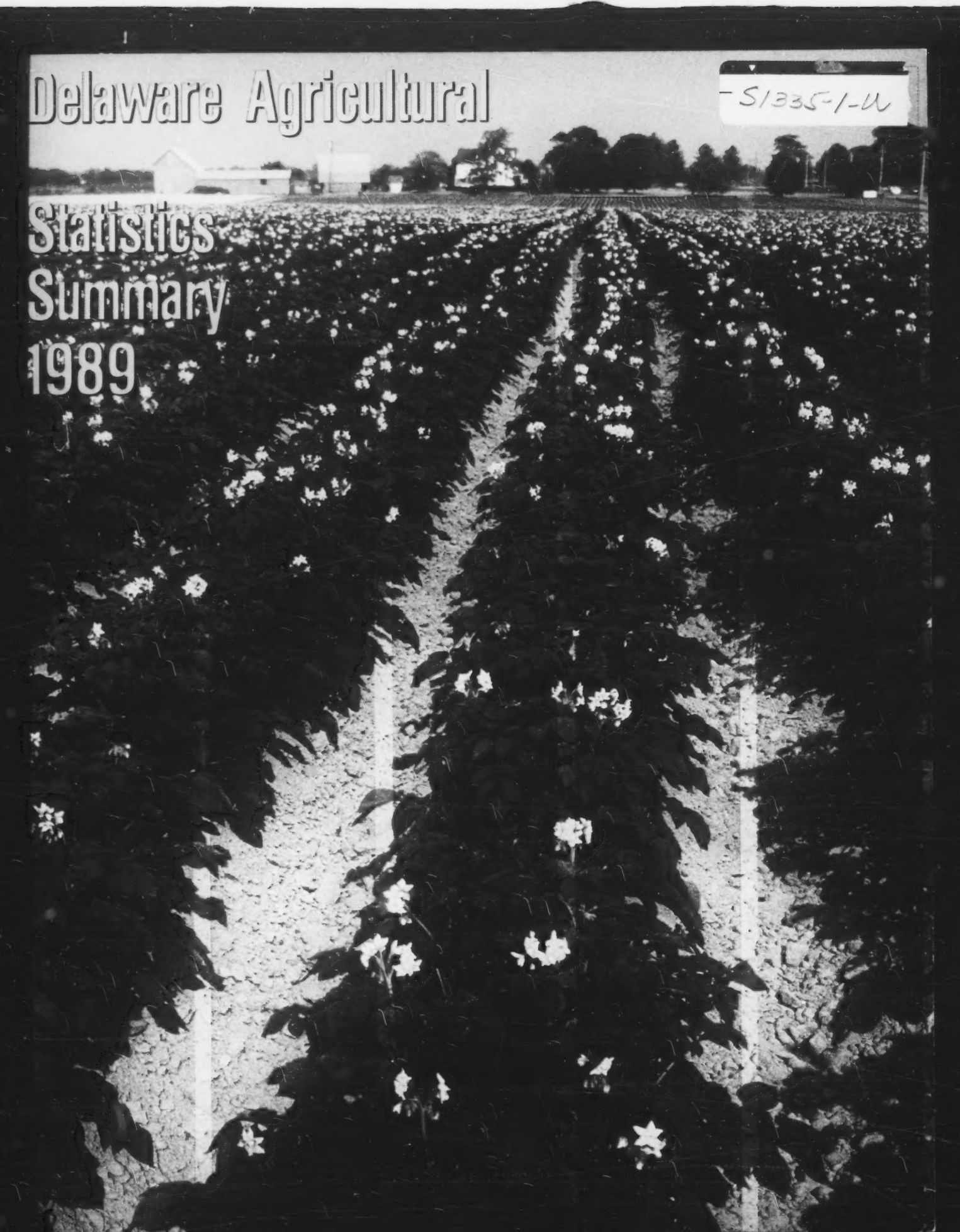


*Delaware Agricultural Statistics Service • 2320 S. Dupont Highway • Dover, DE. 19901
(302) 736-4811*

Delaware Agricultural

-S1335-1-U

Statistics Summary 1989





STATE OF DELAWARE
DEPARTMENT OF AGRICULTURE



Dear Friend of Agriculture:

I am pleased to present the 1989 summary of Delaware Agricultural Statistics.

Agriculture continues to be the State of Delaware's Number One industry providing us with the essential food and fiber we have come to depend on. Over the years, Delaware has established itself as a leader in the field of agriculture, ranking in the nation's top ten in numerous categories.

This summary of Delaware's Agricultural Statistics would not have been possible without the assistance of a number of individuals. I would like to thank Tom Feurer, State Statistician, National Agricultural Statistics Service, USDA, and Bruce West, State Statistician, National Agricultural Statistics Service, and his staff at the Maryland Statistics Service for their assistance with the publication of this document. In addition, I would like to extend a special thanks to the many farmers who once again took time this year away from their busy schedules to furnish the information that appears in this summary. Needless to say, without all of your help this job could not have been completed.

I hope that you will find this information helpful as you are faced with those many difficult decisions which will determine the future of Delaware agriculture.

Sincerely,

Wm. B. Chandler, Jr.

William B. Chandler, Jr.
Secretary of Agriculture

DELAWARE AGRICULTURAL STATISTICS

SUMMARY FOR 1989

Issued Cooperatively By

Delaware Department Of Agriculture
William B. Chandler, Jr., Secretary of Agriculture
Roland Derrickson, Deputy Secretary of Agriculture

United States Department Of Agriculture
National Agricultural Statistics Service
Charles E. Caudill, Administrator

PREPARED BY THE

Delaware Agricultural Statistics Service
Tom Feurer, Delaware State Statistician

STATISTICIANS

M. Bruce West
Vince Matthews
Carroll D. Homann
Linda Gabel
Richard Dittman
Barbara Early

COMPUTER SERVICES

Lynne M. Huff
Mary Frances Lutzio

COMPOSITION

Karen Faulkner

SUPPORT STAFF

Mary DeNardo
E. May Rhoten

Gale Fierstein
Paulette Holloway

Judith C. Eyler
David Chorba

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Delaware Potato Board

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Delaware Agricultural Statistics Service
2320 South DuPont Highway
Dover, Delaware 19901

National Agricultural Statistics Service, USDA
Delaware Department of Agriculture

FOREWORD

The 1989 growing season was about as wet as we'll ever want to see. (I was warned about the mosquitoes before moving here last year, and I discovered firsthand what a good 'crop' the First State can produce.) The wet weather brought better yields for some crops, losses for others; getting into the fields to plant and harvest was the big challenge. Meanwhile, the poultry industry continued to expand, and for the first time Delaware produced more pounds of chicken than Maryland!

Through all the trials of 1989 our farm operators, Extension personnel and many other people throughout Delaware shared their knowledge and information with us. It's this cooperation that makes it possible to have timely, reliable estimates of crop conditions, yield forecasts, and poultry and livestock production. The Delaware Agricultural Statistics Service staff offers its thanks for that continued support.

Karen Faulkner, who graduated from Delaware State College this spring, used her computer skills in putting together this bulletin -- our special thanks to her. And this year's cover is possible thanks to the generous support of the Delaware Potato Board.

I hope you'll find this bulletin useful as a review of 1989, and as a record of how our agriculture has performed over the years. Your comments and suggestions are always welcome.

Sincerely,

Thomas W. Feurer
State Statistician

1989 Delaware Agriculture Highlights

Number Of Farms	3,000	Gross Farm Income	\$705,400,000
Average Size Farm	197 Acres	Farm Prod. Expenses	\$448,000,000
Value Of Land & Bldgs.	\$1,308,000,000	Gross Income Per Farm	\$235,100
Avg. Value Per Operating Unit	\$436,000		

Poultry, Livestock And Products

<u>Commodity</u>	<u>Inventory</u>	<u>Production</u>	<u>Cash Receipts</u>
Broilers	---	1,132,075,000 lbs.	\$458,490,000
Broilers	---	226,415,000 head	-----
Milk	---	127,600,000 lbs.	18,212,000
Eggs	---	147,000,000 eggs	13,598,000
Hogs And Pigs (Dec. 1, 1989)	32,000	14,527,000 lbs.	6,251,000
Cattle And Calves (Jan. 1, 1990)	31,000	6,510,000 lbs.	2,476,000
Farm Chickens (Dec. 1, 1989)	1,069,000	-----	893,000
Miscellaneous (Honey, Beeswax, Horses, Sheep And Lambs, etc.)		-----	3,144,000
Total Livestock & Livestock Products			\$503,064,000

Crops And Products

<u>Commodity</u>	<u>Acres Harvested</u>	<u>Production</u>	<u>Cash Receipts</u>
Soybeans	250,000	7,250,000 bu.	\$40,908,000
Corn For Grain	133,000	13,300,000 bu.	25,225,000
Greenhouse And Nursery	----	-----	32,000,000
Potatoes	7,200	1,152,000 cwt.	16,147,000
Wheat	74,000	3,108,000 bu.	11,158,000
Barley	40,000	2,200,000 bu.	3,609,000
Hay	25,000	73,000 tons	1,116,000
Other Field Crops	----	-----	180,000
Sweet Corn (Processing)	6,300	34,400 tons	2,363,000
Green Peas (Processing)	8,100	9,560 tons	2,227,000
Mushrooms	----	4,933,000 lbs.	3,551,000
Other Vegetables And Melons	----	-----	19,982,000
Apples	----	15,000,000 lbs.	2,110,000
Peaches	----	400,000 lbs.	135,000
Total All Crops	----	-----	\$161,374,000
All Commodities	----	-----	\$664,438,000

Who Needs It?

Thomas W. Feurer, State Statistician
Delaware Agricultural Statistics Service

If you're one of the hundreds of people contacted each year by the Delaware Agricultural Statistics Service (DASS), I'm pretty sure you've asked yourself, "What's in it for me?" Is the time you're asked to take to answer questions, some of them pretty sensitive, worth the trouble? Who will the information help, and who might get their hands on it? These are reasonable questions you should ask, and I hope I can provide some satisfactory answers to them.

- Do you belong to any farm organization? Whether it's the Grange or Farm Bureau, Southern Delaware Vegetable Growers Association or Delaware Pork Producers, the officers and employees depend on a continuing series of unbiased statistics on agriculture. Organizations project check-off revenue based on production estimates; project transportation needs; use statistics to justify to the legislature the need for laws and regulations, or relief from same. DASS is the unbiased organization that puts the data together.
- If you produce grain, rest assured all the Delmarva poultry companies want to keep abreast of what feed grain supplies will be, and in turn be able to make a reasonable bid for your grain. Monthly crop reports and quarterly grain stocks reports are the source of a lot of that information.
- Weekly planting and weather condition information is of interest to seller and buyer alike, as it gives some indication of the chances of a 'normal' crop; when it will likely be ready for harvest; when spare combine parts, diesel fuel, barges, rail cars, and extra labor will be needed; and how conditions in our area compare to other areas in the country and the world.
- Farm numbers, land in farms, and income by commodity are just a few of the statistics used to illustrate the importance of our farms and agricultural industries to our state legislature.

- Do you use fertilizer or any kind of pesticide on your operation? Surveys recently done by DASS, and more to be done in the future, are aimed at getting at the facts about their use -- where, how much, and the different kinds. Only with accurate, unbiased facts can emotional and sometimes misleading arguments against their use be challenged.

- Are you familiar with the Delaware Farmland Assessment Program? Property taxes on enrolled cropland have been reduced under this program, which uses DASS farm income and expense reports.

- Farm income statistics are an integral part of the Delaware Department of Finance annual Official Statement for its bond sale, the most comprehensive source of information regarding the State's financial and economic status.

- Have you ever wanted to see a list of all the corn growers in Delaware, everyone with sheep, or all the names of people with more than 100 acres? You won't get it from DASS! That's a basic promise we make to respondents in return for cooperation on our surveys -- your individual report¹ is kept confidential.

The next time you get a letter, phone call, or visit from the Delaware Agricultural Statistics Service, ask if we don't have some more answers to "Who needs it?"



Farm Numbers and Acreage, 1940 - 1989

Year	Delaware			U.S.		
	Number of Farms	Ave. Acres Per Farm	Total Land In Farms	Number of Farms ¹	Ave. Acres Per Farm	Total Land In Farms
			<u>Thous. Acres</u>	<u>Thous. Farms</u>		<u>Million Acres</u>
1940	8,994	100	896	6,079	175	1,061
1950	8,300	109	904	5,648	213	1,202
1960	5,600	143	800	3,963	297	1,176
1970	3,900	183	715	2,949	374	1,102
1975	3,700	186	690	2,521	420	1,059
1980	3,500	186	650	2,440	426	1,039
1981	3,500	186	650	2,440	424	1,034
1982	3,500	189	660	2,407	427	1,028
1983	3,500	186	650	2,379	430	1,023
1984	3,600	183	660	2,334	436	1,018
1985	3,500	186	650	2,293	441	1,012
1986	3,200	200	640	2,250	447	1,005
1987	3,100	200	620	2,213	451	999
1988	3,000	197	590	2,197	453	995
1989	3,000	197	590	2,173	456	991

¹Prior to 1975 a farm was considered any place with less than 10 acres having sales of \$250 or more or places of 10 acres or more with \$50 of sales. Beginning in 1975 the definition of a farm is a place that sells or normally would sell \$1,000 of agricultural products.

Real Estate Value, Delaware 1975 - 1990¹

Year	Value of Land & Buildings		Total Value of Farm Buildings	Average Value Per Operating Unit
	Total	Per Acre		
	<u>Million Dollars</u>	<u>Dollars</u>	<u>Million Dollars</u>	<u>Dollars</u>
1975	670	971	110	181,100
1980	1,141	1,798	211	326,000
1983	1,189	1,829	213	339,671
1984	1,214	1,840	218	337,272
1985	1,037	1,596	188	296,344
1986	1,078	1,684	196	336,731
1987	1,040	1,677	190	335,380
1988	1,041	1,765	191	347,117
1989	1,218	2,065	221	406,126
1990	1,377	2,334		458,923

¹ Values for 1984 - 1989 have been revised

Cash Rents For Specified Categories, Delaware 1982 - 1990

Item	1982	1983	1984	1985	1986	1987	1988	1989	1990
	<u>Dollars Per Acre</u>								
All Farms	57.50	57.30	66.22	63.30	64.00	59.50	55.20	52.30	60.60
Crop Land	60.50	59.10	66.90	66.80	64.50	61.40	51.70	57.10	55.80

Crops Summary

General

Precipitation was below normal during the fall 1988 seeding time, and remained below average until March 1989. These dry conditions, coupled with above average rainfall during harvest, resulted in a decline in yields for wheat and barley. Precipitation was above normal most months during the year, complicating planting, cultivation, and harvesting of virtually all crops. Planting was behind normal until the last week of May/first week of June period when farmers caught up to 'normal.' Yields for vegetable crops were most affected by the wet conditions, nearly all showing significant declines. Late fall rains hampered soybean harvest and wheat seeding. Total precipitation for the year was 16 inches above normal.

Temperatures at the beginning of the year were above normal, allowing some early field preparation, but were a factor in preparing fruit crops for significant damage. A mid-April freeze just about eliminated the State's peach crop and significantly lowered the late-variety apple crop.

Soybeans

Delaware's **soybean** growers produced 7.25 million bushels in 1989. Increased acreage and yields pushed production 19 percent above 1988, although still 12 percent below the record 1979 crop. The 255 thousand acres planted was up 11 percent from the previous year, while yield was up by 2 bushels. Due to very wet late fall conditions, some acreage was abandoned or not harvested until the winter months of 1990.

Corn

Corn planting declined for the fourth consecutive year to 140 thousand acres, due mainly to wet conditions that delayed planting beyond acceptable dates. Some acreage intended for corn was planted to soybeans, and some was converted to grain sorghum. Weather conditions were very favorable during silking, and the crop matured well ahead of normal. Yields were significantly above 1988 -- for grain up to 100 bushels per acre, compared to the 70 bushels of 1988; and silage yield was up 3 tons, to 16 tons per acre. Production for grain was 13.3 million bushels, 36 percent above the previous year.

Sorghum

Delaware produced 495 thousand bushels of grain **sorghum** (milo) in 1989 (the first year we have made an estimate for this crop). Farmers harvested 6,600 acres, and yield averaged 75 bushels.

Small Grains

Wheat and barley were sowed in the fall of 1988 in relatively dry conditions, and precipitation was below normal over the winter. A wet spring resulted in fungus problems and delayed harvest. A 17 percent increase in the acres of **wheat** for grain was not enough to offset the decline in yield to 42 bushels. Production, at 3.1 million bushels, was 5 percent below 1988. **Barley** acres were also up, at 40 thousand acres for grain, but yield fell 17 bushels, to 55, and the 2.2 million bushels produced was only up 2 percent from 1988.



Field Crops: Acreage, Yield, Production and Value, Delaware 1970 - 1989

Crop	Year	Acreage		Unit	Production		Season Average Price	Value of Production
		Planted	Harvested		Per Acre	Total		
		Thous. Acres				Thous.	Dollars Per Unit	Thous. Dollars
Soybeans	1970	159	156	Bu.	21.0	3,276	2.88	9,435
	1975	228	225	Bu.	25.0	5,625	4.70	26,438
	1980	265	260	Bu.	20.0	5,200	8.00	41,600
	1983	255	250	Bu.	29.0	7,250	7.86	56,985
	1984	260	250	Bu.	24.0	6,000	5.87	35,220
	1985	245	240	Bu.	30.0	7,200	5.00	36,000
	1986	245	240	Bu.	24.0	5,760	4.84	27,878
	1987	240	235	Bu.	18.0	4,230	5.90	24,957
	1988	230	225	Bu.	27.0	6,075	7.56	45,927
	1989	255	250	Bu.	29.0	7,250	5.55	40,238
Corn, All	1970	195	194	--	---	---	---	---
	1975	184	183	--	---	---	---	---
	1980	190	188	--	---	---	---	---
	1983	155	154	--	---	---	---	---
	1984	160	159	--	---	---	---	---
	1985	185	184	--	---	---	---	---
	1986	180	178	--	---	---	---	---
	1987	165	162	--	---	---	---	---
	1988	150	148	--	---	---	---	---
	1989	140	139	--	---	---	---	---
Corn, For Grain	1970	---	185	Bu.	76.0	14,060	1.48	20,809
	1975	---	170	Bu.	92.0	15,640	2.61	40,820
	1980	---	177	Bu.	72.0	12,744	3.68	46,898
	1983	---	145	Bu.	75.0	10,875	3.76	40,890
	1984	---	150	Bu.	113.0	16,950	2.95	50,003
	1985	---	175	Bu.	109.0	19,075	2.45	46,734
	1986	---	169	Bu.	83.0	14,027	1.77	24,828
	1987	---	148	Bu.	73.0	10,804	2.10	22,688
	1988	---	140	Bu.	70.0	9,800	3.01	29,498
	1989	---	133	Bu.	100.0	13,300	2.65	35,245
Corn, Silage	1970	---	8	Tons	14.0	112	10.20	1,142
	1975	---	12	Tons	13.5	162	17.40	2,610
	1980	---	10	Tons	13.8	138	23.50	3,243
	1983	---	8	Tons	14.0	112	26.50	1,855
	1984	---	8	Tons	16.0	128	21.00	2,688
	1985	---	7	Tons	15.0	105	16.00	1,680
	1986	---	9	Tons	11.0	99	---	---
	1987	---	14	Tons	9.0	126	---	---
	1988	---	8	Tons	13.0	104	---	---
	1989	---	6	Tons	16.0	96	---	---
Wheat, Winter	1970	23	21	Bu.	42.0	882	1.31	1,155
	1975	47	45	Bu.	34.0	1,530	2.85	4,361
	1980	33	27	Bu.	40.0	1,080	3.90	4,212
	1983	55	54	Bu.	39.0	2,106	3.41	7,181
	1984	50	49	Bu.	41.0	2,009	3.30	6,630
	1985	45	43	Bu.	48.0	2,064	2.88	5,944
	1986	40	34	Bu.	45.0	1,530	2.44	3,733
	1987	50	48	Bu.	42.0	2,016	2.45	4,939
	1988	65	63	Bu.	52.0	3,276	3.57	11,695
	1989	80	74	Bu.	42.0	3,108	3.45	10,723
Barley	1970	31	22	Bu.	47.0	1,034	.81	838
	1975	35	27	Bu.	47.0	1,269	1.61	2,043
	1980	33	25	Bu.	49.0	1,225	2.32	2,842
	1983	61	53	Bu.	55.0	2,915	1.95	5,684
	1984	55	50	Bu.	55.0	2,750	2.15	5,913
	1985	63	57	Bu.	58.0	3,306	1.45	4,794
	1986	55	50	Bu.	61.0	3,050	1.35	4,118
	1987	40	37	Bu.	60.0	2,220	1.20	2,664
	1988	35	30	Bu.	72.0	2,160	1.83	3,953
	1989	50	40	Bu.	55.0	2,200	1.95	4,290

Field Crops: Acreage, Yield, Production and Value, Delaware 1970 - 1989

Crop	Year	Acreage		Unit	Production		Season Average Price	Value of Production
		Planted	Harvested		Per Acre	Total		
		Thous. Acres			Thous.		Dollars Per Unit	Thous. Dollars
Rye	1970	55	9	bu.	24.0	216	1.24	268
	1975	45	6	bu.	25.0	150	2.30	345
	1980	30	3	bu.	29.0	87	2.84	247
	1983	30	4	bu.	34.0	136	2.52	422
	1984	29	4	bu.	31.0	124	2.12	343
	1985	29	3	bu.	35.0	105	2.10	221
	1986	30	4	bu.	34.0	136	1.62	220
	1987	20	3	bu.	33.0	99	1.75	173
	1988	18	4	bu.	31.0	124	2.05	254
	1989	17	2	bu.	35.0	70	2.85	200
Potatoes, Summer	1970	7.2	7.2	cwt.	210	1,512	2.38	3,599
	1975	6.5	6.3	cwt.	200	1,260	5.80	6,090
	1980	9.3	5.1	cwt.	190	969	8.85	8,576
	1983	5.4	5.4	cwt.	185	999	10.70	10,689
	1984	5.5	5.5	cwt.	230	1,265	11.20	14,168
	1985	6.5	6.5	cwt.	280	1,820	3.90	7,098
	1986	7.0	6.9	cwt.	190	1,311	6.50	8,522
	1987	8.0	8.0	cwt.	210	1,680	7.00	11,760
	1988	8.4	8.4	cwt.	215	1,806	9.35	16,886
	1989	7.7	7.2	cwt.	160	1,152	12.50	14,400
Hay, All	1970	--	24	tons	2.21	53	36.00	1,908
	1975	--	22	tons	2.04	46	54.50	2,507
	1980	--	18	tons	2.22	40	73.00	2,920
	1983	--	20	tons	2.50	50	107.00	5,350
	1984	--	21	tons	2.67	56	94.00	5,264
	1985	--	22	tons	2.68	59	84.00	4,956
	1986	--	23	tons	2.17	50	118.00	5,900
	1987	--	21	tons	2.29	48	98.00	4,704
	1988	--	26	tons	2.62	68	109.00	7,412
	1989	--	25	tons	2.92	73	92.50	6,753
Hay, Alfalfa	1970	--	6	tons	3.35	20	---	---
	1975	--	7	tons	3.00	21	---	---
	1980	--	7	tons	3.05	21	---	---
	1983	--	7	tons	3.40	24	---	---
	1984	--	7	tons	3.70	26	---	---
	1985	--	7	tons	3.90	27	---	---
	1986	--	7	tons	3.00	21	---	---
	1987	--	9	tons	2.75	25	---	---
	1989	--	9	tons	3.75	34	---	---
	1989	--	9	tons	4.10	37	---	---
Hay, All Other	1970	--	18	tons	1.85	33	---	---
	1975	--	15	tons	1.65	26	---	---
	1980	--	11	tons	1.70	19	---	---
	1983	--	13	tons	2.00	26	---	---
	1984	--	14	tons	2.15	30	---	---
	1985	--	15	tons	2.10	32	---	---
	1986	--	16	tons	1.80	29	---	---
	1987	--	12	tons	1.95	23	---	---
	1988	--	17	tons	2.00	34	---	---
	1989	--	16	tons	2.25	36	---	---

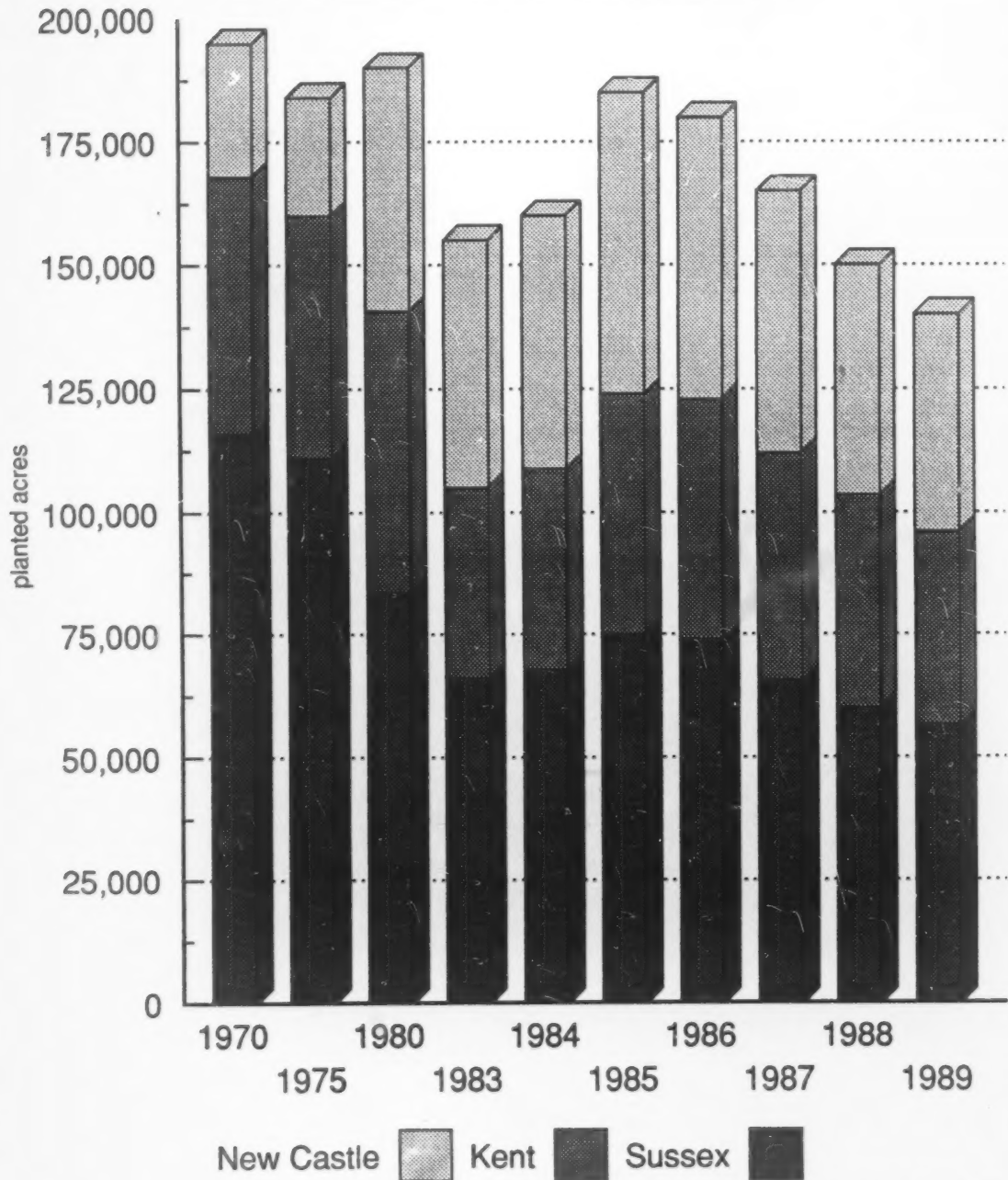
Crops: Acreage, Yield, Production and Value, United States 1970 - 1989

Crop	Year	Acreage		Unit	Production		Season Average Price	Value of Production
		Planted	Harvested		Per Acre	Total		
		Thous. Acres				Thous.	Dollars Per Unit	Thous. Dollars
Soybeans	1970	43,082	42,249	Bu.	26.7	1,127,100	2.85	3,214,710
	1975	54,590	53,617	Bu.	28.9	1,548,344	4.92	7,632,493
	1980	70,037	67,856	Bu.	26.4	1,792,062	7.57	13,559,595
	1983	63,779	62,525	Bu.	26.2	1,635,772	7.81	12,774,974
	1984	67,755	66,113	Bu.	28.1	1,860,863	5.78	10,748,050
	1985	63,130	61,584	Bu.	34.1	2,098,531	5.05	10,581,041
	1986	60,385	58,292	Bu.	33.3	1,940,101	4.78	9,262,746
	1987	58,180	57,172	Bu.	33.9	1,937,722	5.88	11,391,000
	1988	58,840	57,373	Bu.	27.0	1,548,841	7.42	11,487,742
	1989	60,670	59,388	Bu.	32.4	1,926,806	5.55	10,621,536
Corn, All	1970	66,863	65,436	---	---	---	---	---
	1975	78,719	77,473	---	---	---	---	---
	1980	84,047	82,271	---	---	---	---	---
	1983	60,207	59,597	---	---	---	---	---
	1984	80,517	79,786	---	---	---	---	---
	1985	83,398	82,591	---	---	---	---	---
	1986	76,580	76,325	---	---	---	---	---
	1987	66,200	65,499	---	---	---	---	---
	1988	67,717	66,545	---	---	---	---	---
	1989	72,296	71,387	---	---	---	---	---
Corn, For Grain	1970	---	57,358	Bu.	72.4	4,152,243	1.33	5,514,702
	1975	---	67,625	Bu.	86.4	5,840,757	2.54	14,817,840
	1980	---	73,030	Bu.	91.0	6,644,841	3.11	20,571,244
	1983	---	51,479	Bu.	81.1	4,174,251	3.25	13,534,930
	1984	---	71,897	Bu.	106.7	7,672,130	2.62	20,084,595
	1985	---	75,209	Bu.	118.0	8,875,453	2.23	19,521,975
	1986	---	69,907	Bu.	119.4	8,225,764	1.50	12,541,426
	1987	---	59,505	Bu.	119.8	7,131,300	1.94	14,107,705
	1988	---	58,250	Bu.	84.6	4,928,681	2.54	12,661,362
	1989	---	64,781	Bu.	116.2	7,527,152	2.25	17,019,722
Corn, Silage	1970	---	8,078	Tons	11.6	94,084	---	---
	1975	---	9,848	Tons	11.8	116,087	---	---
	1980	---	9,241	Tons	12.0	110,973	---	---
	1983	---	7,808	Tons	12.3	96,238	---	---
	1984	---	7,535	Tons	13.9	104,491	---	---
	1985	---	7,155	Tons	14.3	102,664	---	---
	1986	---	6,418	Tons	14.1	90,227	---	---
	1987	---	5,994	Tons	14.5	86,442	---	---
	1988	---	8,295	Tons	9.5	78,791	---	---
	1989	---	6,606	Tons	13.1	86,243	---	---
Wheat, Winter	1970	37,623	32,702	Bu.	33.4	1,091,744	1.33	1,452,020
	1975	55,954	51,376	Bu.	32.0	1,642,900	3.37	5,540,438
	1980	57,620	51,494	Bu.	36.8	1,895,383	3.83	7,260,782
	1983	62,105	47,584	Bu.	41.8	1,988,304	3.48	6,910,125
	1984	63,419	51,513	Bu.	40.0	2,060,266	3.33	6,861,900
	1985	57,712	47,923	Bu.	38.1	1,827,625	2.98	5,429,571
	1986	53,895	43,170	Bu.	35.2	1,520,433	2.33	3,583,338
	1987	48,806	39,332	Bu.	39.8	1,565,381	2.49	3,962,170
	1988	48,800	39,800	Bu.	39.2	1,561,910	3.65	5,684,359
	1989	55,091	41,469	Bu.	35.1	1,453,842	3.88	5,583,355
Barley	1970	10,476	9,712	Bu.	42.8	416,091	.97	400,312
	1975	9,373	8,617	Bu.	44.0	379,162	2.42	905,923
	1980	8,339	7,275	Bu.	49.6	360,456	2.86	1,022,030
	1983	10,411	9,721	Bu.	52.3	508,269	2.50	1,268,906
	1984	11,934	11,218	Bu.	53.3	598,034	2.26	1,356,316
	1985	13,139	11,591	Bu.	50.9	590,213	1.98	1,132,537
	1986	13,024	11,974	Bu.	50.8	608,332	1.61	993,905
	1987	10,929	9,957	Bu.	52.4	521,499	1.81	993,905
	1988	9,831	7,636	Bu.	38.0	289,994	2.80	775,229
	1989	9,175	8,303	Bu.	48.6	404,443	2.40	950,080

Crops: Acreage, Yield, Production and Value, United States 1970 - 1989

Crop	Year	Acreage		Unit	Production		Season Average Price	Value of Production
		Planted	Harvested		Per Acre	Total		
		Thous. Acres				Thous.	Dollars Per Unit	Thous. Dollars
Rye	1970	4,196	1,427	Bu.	25.8	36,840	.99	36,711
	1975	2,791	728	Bu.	21.9	15,924	2.36	37,406
	1980	2,537	675	Bu.	24.4	16,483	2.63	43,377
	1983	2,707	892	Bu.	30.3	27,008	2.17	60,074
	1984	2,971	979	Bu.	33.1	32,407	2.08	68,828
	1985	2,543	708	Bu.	28.8	20,373	2.03	41,902
	1986	2,334	661	Bu.	28.8	19,067	1.49	29,159
	1987	2,428	671	Bu.	29.1	19,526	1.63	31,641
	1988	2,374	595	Bu.	24.7	14,689	2.52	37,006
	1989	2,014	479	Bu.	28.1	13,482	2.05	27,652
Potatoes, Summer	1970	156.2	153.2	Cwt.	185	28,400	3.06	86,435
	1975	115.2	111.0	Cwt.	187	20,773	5.67	117,843
	1980	93.9	91.1	Cwt.	189	17,204	8.93	153,345
	1983	103.1	99.1	Cwt.	187	18,516	8.11	151,240
	1984	109.5	105.1	Cwt.	216	22,741	9.14	209,222
	1985	115.2	111.5	Cwt.	245	27,294	4.86	135,021
	1986	99.8	94.0	Cwt.	220	20,689	7.00	146,140
	1987	103.5	100.5	Cwt.	227	22,833	6.32	143,569
	1988	96.4	91.8	Cwt.	220	20,154	7.55	151,451
	1989	96.9	93.2	Cwt.	236	22,002	NA	NA
Hay, All	1970	---	61,467	Tons	2.07	126,969	26.10	3,076,382
	1975	---	61,353	Tons	2.16	132,397	52.10	6,458,070
	1980	---	59,362	Tons	2.21	131,027	71.00	8,103,989
	1983	---	59,694	Tons	2.36	140,738	75.80	9,967,208
	1984	---	61,414	Tons	2.45	150,582	72.70	10,203,921
	1985	---	60,461	Tons	2.46	148,719	67.60	9,437,282
	1986	---	62,334	Tons	2.49	155,385	59.70	8,610,996
	1987	---	60,133	Tons	2.45	147,457	65.00	8,845,395
	1988	---	65,055	Tons	1.94	126,010	85.20	10,457,326
	1989	---	63,395	Tons	2.29	145,445	87.50	11,778,477
Hay, Alfalfa	1970	---	27,276	Tons	2.77	75,573	---	---
	1975	---	27,288	Tons	2.87	78,183	---	---
	1980	---	26,244	Tons	3.04	79,879	---	---
	1983	---	25,729	Tons	3.20	82,255	---	---
	1984	---	26,818	Tons	3.36	90,144	---	---
	1985	---	25,647	Tons	3.32	85,121	---	---
	1986	---	26,911	Tons	3.41	91,865	---	---
	1987	---	25,435	Tons	3.31	84,225	---	---
	1988	---	26,750	Tons	2.59	69,304	---	---
	1989	---	25,939	Tons	2.98	77,208	---	---
Hay, All Other	1970	---	34,191	Tons	1.50	51,396	---	---
	1975	---	34,065	Tons	1.59	54,214	---	---
	1980	---	33,118	Tons	1.54	51,148	---	---
	1983	---	33,965	Tons	1.72	58,552	---	---
	1984	---	34,596	Tons	1.75	60,543	---	---
	1985	---	34,814	Tons	1.83	63,553	---	---
	1986	---	35,423	Tons	1.80	63,977	---	---
	1987	---	34,698	Tons	1.82	63,232	---	---
	1988	---	38,305	Tons	1.48	56,706	---	---
	1989	---	37,456	Tons	1.82	68,237	---	---

Delaware Corn Acreage 1970 - 1989



Delaware Agricultural Statistics Service 6/90

**Corn: Acreage, Yield and Production by Counties,
Delaware: 1970 - 1989**

County	Year	Acres		Average Yield Per Acre	Production
		Planted	Harvested For Grain		

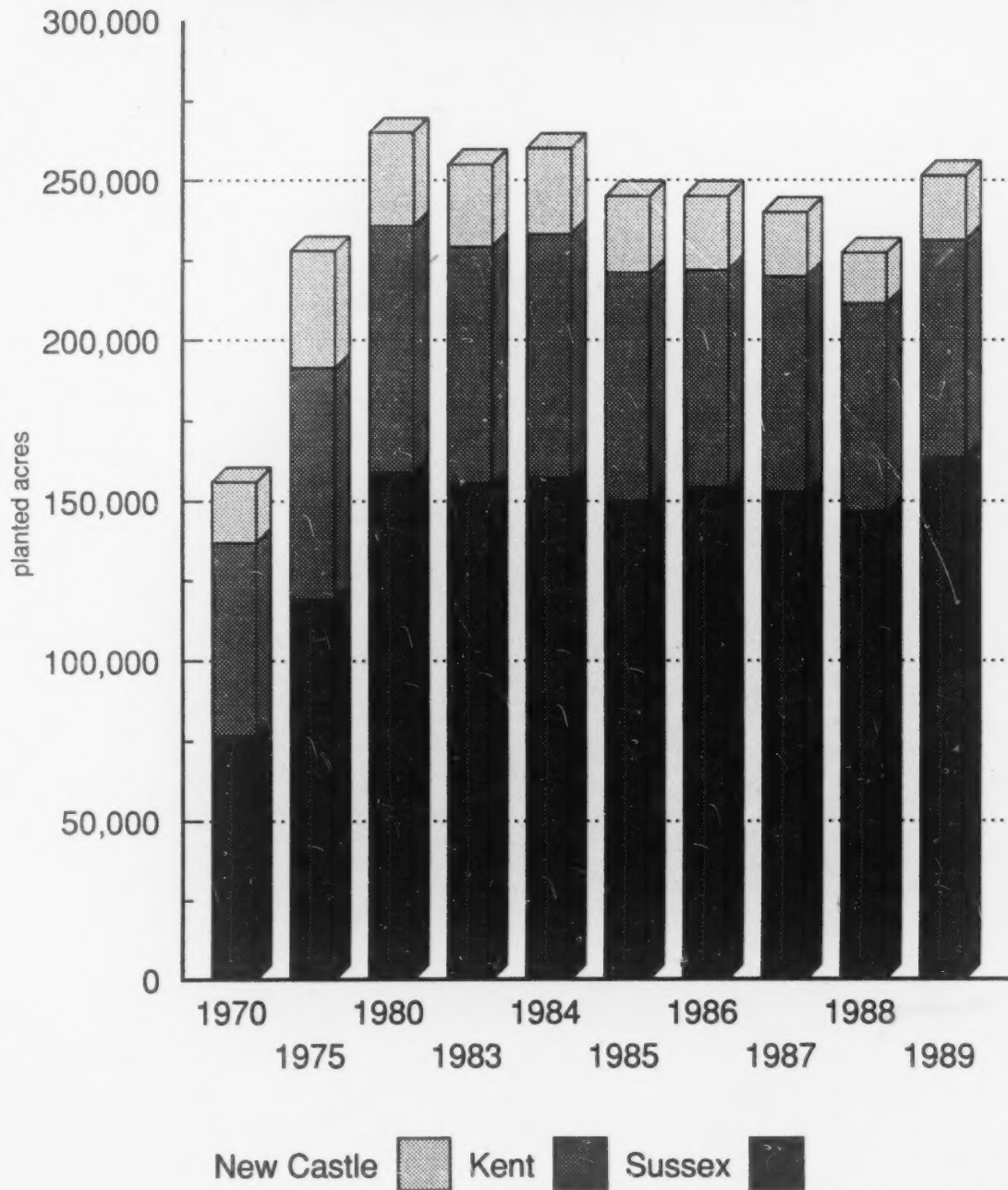
		<u>Acres</u>			<u>Bushels</u>
New Castle	1970	27,000	25,000	76.0	1,900,000
	1975	24,000	20,000	94.0	1,880,000
	1980	49,400	33,900	77.0	3,502,500
	1983	50,000	45,000	68.0	3,060,000
	1984	51,200	47,000	117.0	5,501,000
	1985	61,000	56,000	120.0	6,720,000
	1986	57,000	54,000	101.0	5,445,000
	1987	53,000	49,000	73.0	3,577,000
	1988	46,500	43,000	64.0	2,752,000
	1989	44,000	41,500	99.0	4,109,000
Kent	1970	52,000	48,000	79.0	3,792,000
	1975	49,000	43,000	96.0	4,128,000
	1980	57,300	54,000	81.0	4,371,600
	1983	38,800	37,000	76.0	2,812,000
	1984	41,000	38,900	118.0	4,590,000
	1985	49,000	46,000	110.0	5,055,000
	1986	49,000	44,700	82.0	3,665,000
	1987	46,500	40,000	81.9	3,274,000
	1988	43,500	40,000	72.2	2,887,000
	1989	39,500	36,700	97.0	3,560,000
Sussex	1970	116,000	112,000	75.0	8,368,000
	1975	111,000	107,000	90.0	9,632,000
	1980	83,300	77,300	63.0	4,869,900
	1983	66,200	63,000	79.4	5,003,000
	1984	67,800	64,100	107.0	6,859,000
	1985	75,000	73,000	100.0	7,300,000
	1986	74,000	70,300	70.0	4,917,000
	1987	65,500	59,000	67.0	3,953,000
	1988	60,000	57,000	73.0	4,161,000
	1989	56,500	54,800	103.0	5,631,000

**Corn For Silage: Acreage, Yield and Production by Counties,
Delaware: 1980 - 1989**

County	Year	Harvested	Average Yield Per Acre	Production
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		<u>Acres</u>	<u>Tons</u>	<u>Tons</u>
New Castle	1980	2,700	13.7	37,000
	1983	4,100	13.0	53,300
	1984	3,400	16.5	56,000
	1985	2,900	18.0	51,500
	1986	2,600	13.6	35,400
	1987	3,000	13.0	39,000
	1988	2,700	13.0	35,100
	1989	2,100	17.0	35,700
Kent	1980	3,000	15.0	45,000
	1983	1,300	15.0	19,000
	1984	1,600	15.0	24,000
	1985	2,600	14.0	35,800
	1986	3,400	9.0	30,600
	1987	5,500	6.8	37,500
	1988	3,000	12.2	36,700
	1989	2,500	15.0	37,900
Sussex	1980	4,300	13.0	55,900
	1983	2,600	15.1	39,200
	1984	3,000	16.0	48,000
	1985	1,500	12.0	17,700
	1986	3,000	11.0	33,000
	1987	5,500	9.0	49,500
	1988	2,300	14.0	32,200
	1989	1,400	16.0	22,400

Delaware Soybean Acreage 1970 - 1989



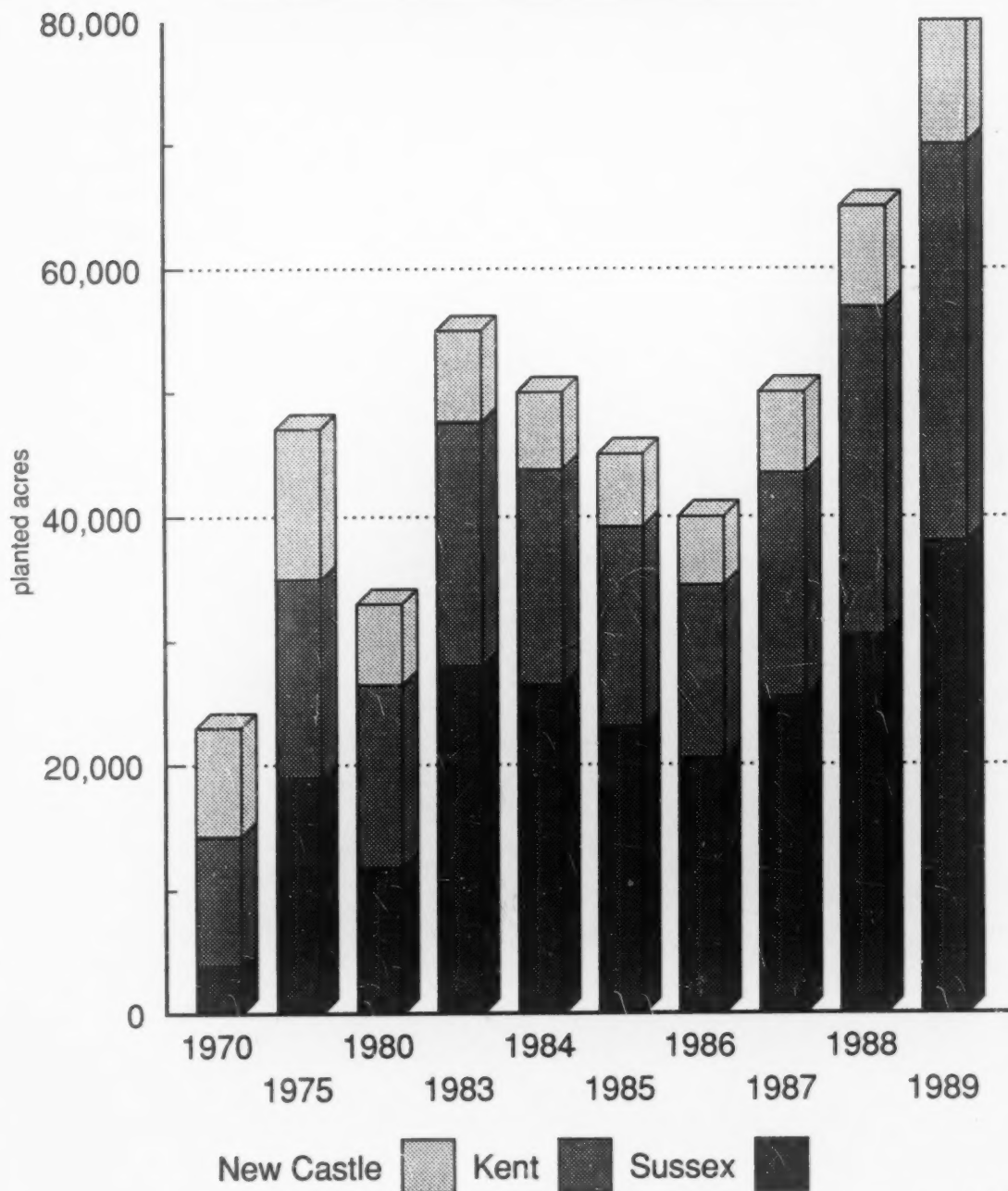
Delaware Agricultural Statistics Service 6/90

Soybeans: Acreage, Yield and Production by Counties,
Delaware 1970 - 1989

County	Year	Acres		Average Yield Per Acre	Production
		Planted	Harvested		

		<u>Acres</u>			<u>Bushels</u>
New Castle	1970	----	19,000	22.8	434,000
	1975	36,500	36,000	27.0	972,000
	1980	29,000	28,000	22.0	616,000
	1983	25,600	25,100	25.0	627,500
	1984	26,700	25,200	28.0	705,600
	1985	24,000	23,000	33.0	760,000
	1986	23,000	22,000	27.0	594,000
	1987	20,000	19,000	26.0	494,000
	1988	16,000	15,500	30.0	463,000
	1989	20,000	19,500	28.0	546,000
Kent	1970	----	60,000	21.9	1,312,000
	1975	72,500	72,000	25.0	1,800,000
	1980	76,900	76,100	23.0	1,750,300
	1983	73,900	72,400	31.0	2,244,400
	1984	76,100	72,300	29.0	2,096,700
	1985	71,000	70,000	31.0	2,170,000
	1986	68,000	66,000	23.0	1,518,000
	1987	67,000	65,000	18.0	1,170,000
	1988	65,000	63,000	27.0	1,701,000
	1989	68,000	67,000	30.0	2,010,000
Sussex	1970	----	77,000	19.9	1,530,000
	1975	119,000	117,000	24.0	2,853,000
	1980	158,900	155,900	18.0	2,833,700
	1983	155,500	152,500	28.7	4,378,100
	1984	157,200	152,500	21.0	3,197,700
	1985	150,000	147,000	29.0	4,270,000
	1986	154,000	152,000	24.0	3,648,000
	1987	153,000	151,000	17.0	2,566,000
	1988	149,000	146,500	27.0	3,909,000
	1989	167,000	163,500	28.7	4,694,000

Delaware Wheat Acreage 1970 - 1989



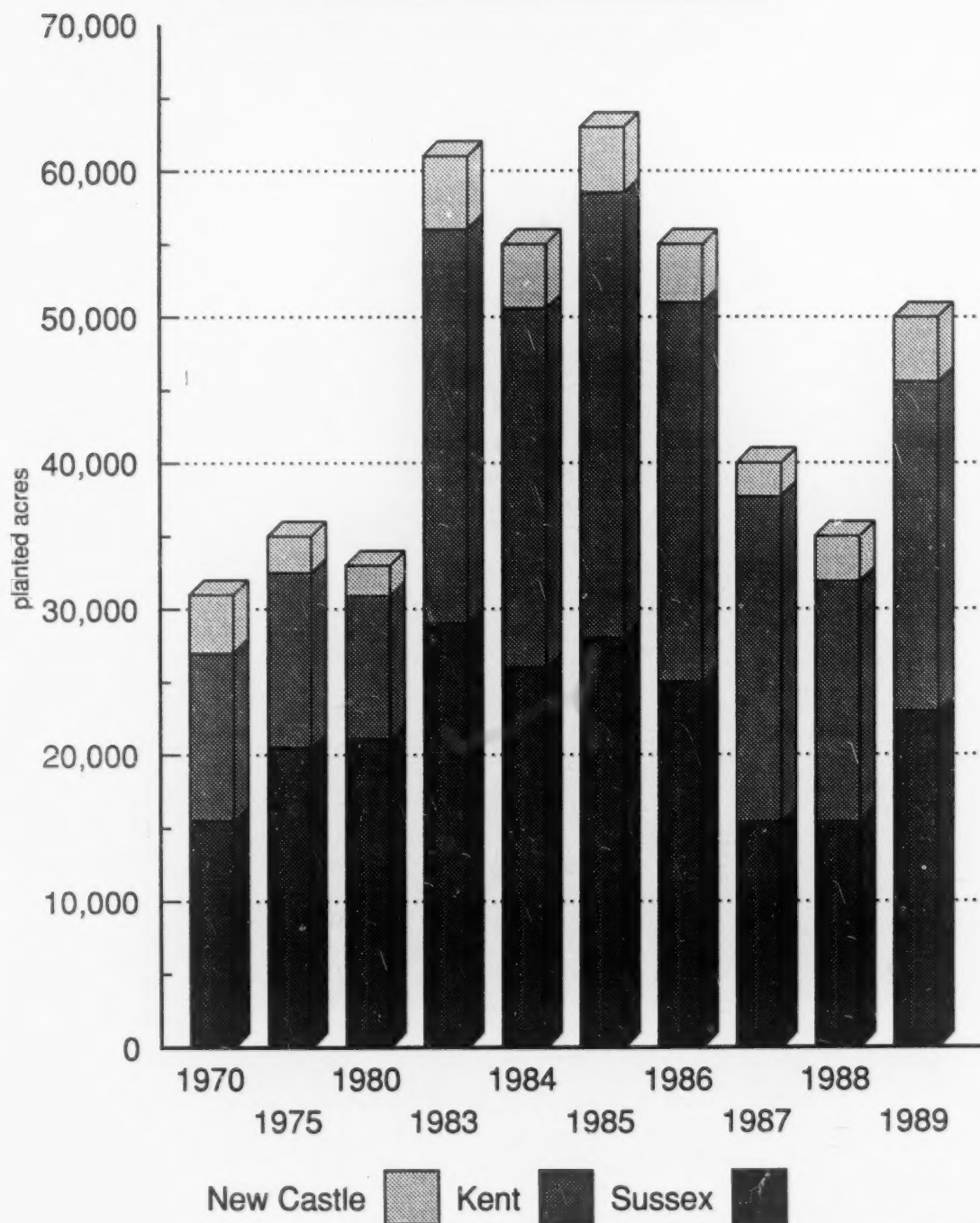
Delaware Agricultural Statistics Service 6/90

Wheat: Acreage, Yield and Production by Counties,
Delaware: 1970 - 1989

County	Year	Acres		Average Yield Per Acre	Production
		Planted	Harvested		

		<u>Acres</u>		<u>Bushels</u>	
New Castle	1970	8,700	8,300	42.0	349,000
	1975	12,000	11,500	36.0	409,000
	1980	6,500	5,600	41.0	231,000
	1983	7,400	7,200	41.7	300,200
	1984	6,200	6,100	44.0	268,400
	1985	5,800	5,700	51.0	291,000
	1986	5,500	4,900	54.5	267,000
	1987	6,500	6,200	43.0	267,000
	1988	8,100	7,800	58.0	452,000
	1989	10,000	9,300	47.0	437,000
Kent	1970	10,400	9,000	41.1	370,000
	1975	16,000	15,000	34.0	510,000
	1980	14,700	11,800	40.0	473,000
	1983	19,600	19,400	38.0	737,200
	1984	17,300	16,900	39.0	659,100
	1985	16,100	15,300	50.0	765,000
	1986	14,000	11,700	44.0	515,000
	1987	18,000	16,700	43.0	718,000
	1988	26,400	25,300	52.5	1,329,000
	1989	32,000	28,700	42.9	1,231,000
Sussex	1970	3,900	3,700	44.1	163,000
	1975	19,000	18,500	33.0	611,000
	1980	11,800	9,600	39.0	376,000
	1983	28,000	27,400	39.0	1,068,600
	1984	26,500	26,000	41.6	1,081,500
	1985	23,100	22,000	46.0	1,008,000
	1986	20,500	17,400	43.0	748,000
	1987	25,500	25,100	41.0	1,031,000
	1988	30,500	29,900	50.0	1,495,000
	1989	38,000	36,000	40.0	1,440,000

Delaware Barley Acreage 1970 -1989



Delaware Agricultural Statistics Service 6/90

Barley: Acreage, Yield and Production by Counties,
Delaware: 1970 - 1989

County	Year	Acres		Average Yield Per Acre	Production
		Planted	Harvested		

		<u>Acres</u>		<u>Bushels</u>	
New Castle	1970	4,000	3,800	51.0	194,000
	1975	2,500	2,000	46.0	92,000
	1980	2,100	1,900	50.0	95,000
	1983	5,000	4,000	57.0	228,000
	1984	4,400	4,200	57.0	239,400
	1985	4,500	4,300	61.0	262,000
	1986	4,000	3,600	62.0	223,000
	1987	2,300	2,000	62.0	124,000
	1988	3,100	2,300	75.0	172,500
	1989	4,400	3,700	58.1	215,000
Kent	1970	11,500	8,200	45.0	369,000
	1975	12,000	9,000	49.0	441,000
	1980	9,800	7,900	50.0	395,000
	1983	27,000	24,700	55.0	1,050,700
	1984	24,600	23,000	54.6	1,256,600
	1985	30,500	28,400	60.0	1,704,000
	1986	26,000	23,900	62.0	1,482,000
	1987	22,300	20,800	61.0	1,272,000
	1988	16,500	13,700	73.0	1,000,000
	1989	22,600	18,000	55.4	997,000
Sussex	1970	15,500	10,000	47.0	471,000
	1975	20,500	16,000	46.0	736,000
	1980	21,100	15,200	48.0	735,000
	1983	29,000	24,300	54.7	1,328,500
	1984	26,000	22,800	55.0	1,254,000
	1985	28,000	24,300	55.0	1,340,000
	1986	25,000	22,500	59.8	1,345,000
	1987	15,400	14,200	58.0	824,000
	1988	15,400	14,000	70.5	987,500
	1989	23,000	18,300	54.0	988,000

Delmarva Crop Production
Acreage, Average Yield and Production, Delmarva 1970 - 1989

Crop	Year	Acreage		Production	
		Planted	Harvested	Per Acre	Total
		----- Acres -----		-----Bushels-----	
Corn, Grain	1970	540,100	510,800	81.6	41,678,000
	1975	534,400	498,100	94.4	47,020,500
	1980	570,500	540,600	74.4	40,230,100
	1983	478,500	449,600	72.1	32,398,000
	1984	503,800	474,400	118.9	56,415,000
	1985	559,900	534,100	113.0	60,129,000
	1986	533,700	499,500	79.7	39,801,000
	1987	437,100	401,600	69.6	27,961,000
	1988 1/	399,200	369,500	67.3	24,881,000
	1989 1/	375,000	353,200	108.3	37,550,900
				----- Tons -----	
Corn, Silage 2/	1970	N/A	----	----	----
	1975	N/A	----	----	----
	1980	----	23,500	14.6	342,000
	1983	----	24,900	12.4	309,600
	1984	----	26,300	16.8	441,300
	1985	----	21,900	16.2	353,800
	1986	----	29,800	11.3	336,300
	1987	----	29,800	9.5	282,400
	1988	----	25,200	10.9	273,600
	1989	----	18,400	15.2	279,700
				-----Bushels-----	
Soybeans	1970	N/A	391,000	22.4	8,777,000
	1975	591,200	528,800	27.0	15,735,800
	1980	709,700	696,700	21.0	14,962,400
	1983	681,100	664,800	26.3	17,461,400
	1984	727,300	707,000	27.0	19,109,000
	1985	678,500	665,600	30.0	20,010,000
	1986	658,400	645,200	25.9	16,716,000
	1987	666,000	652,700	19.4	12,685,000
	1988	703,000	689,600	29.5	20,341,400
	1989	792,900	771,700	29.9	23,102,400
Wheat	1970	N/A	72,900	41.8	3,046,000
	1975	143,350	134,600	34.0	4,571,000
	1980	104,400	95,700	39.7	3,800,700
	1983	182,400	172,900	41.8	7,780,800
	1984	167,100	162,950	43.7	7,123,800
	1985	156,300	150,300	49.5	7,453,000
	1986	159,000	143,700	47.0	6,700,000
	1987	172,400	167,000	48.0	8,015,000
	1988	207,400	199,500	53.3	10,369,500
	1989	269,000	254,500	41.9	10,661,800
Barley	1970	N/A	67,900	47.9	3,436,000
	1975	102,050	84,600	44.8	3,787,000
	1980	97,100	75,100	51.5	3,867,300
	1983	137,200	120,940	56.2	6,792,600
	1984	136,900	124,700	57.9	7,225,700
	1985	140,500	129,600	57.9	7,508,000
	1986	118,200	110,300	60.7	6,697,600
	1987	103,400	94,400	63.5	5,992,000
	1988	91,800	81,400	71.8	5,847,000
	1989	113,500	97,600	53.7	5,238,400

1/ Totals do not include Northampton, Virginia.

2/ Estimates include only Maryland Eastern Shore and Delaware.

N/A Not available.

**Apples & Peaches: Production and Value,
Delaware 1970 - 1989**

Year	Total Production	Season Average Price	Value of Utilized Production
	<u>Million Pounds</u>	<u>Cents Per Pound</u>	<u>Thous. Dollars</u>
<u>Apples</u>			
1970	14.0	4.2	504
1975	14.0	6.5	910
1980	13.5	8.7	1,177
1983	19.0	8.6	1,642
1984	24.0	9.2	2,154
1985	19.0	8.7	1,656
1986	27.0	9.1	2,456
1987	26.0	10.6	2,768
1988	19.0	12.2	2,318
1989	15.0	14.5	2,175
<u>Peaches</u>			
1970	3.0	7.8	234
1975	3.0	10.1	303
1980	1.4	11.8	165
1983	2.0	20.1	401
1984	2.0	22.0	352
1985	1.2	26.2	314
1986	2.7	18.5	500
1987	0.9	18.9	170
1988	3.1	21.3	660
1989	0.4	33.8	135

**Mushrooms: Area, Production and Value,
Delaware 1969 - 1989, July 1 to June 30**

Year	Area In Production				Production	Season Average Price	Value of Production
	First Filling	Second Filling	Additional Filling	Total Filling			
		<u>Thous. Square Feet</u>			<u>Thous. Lbs.</u>	<u>Cents</u>	<u>Thous. Dollars</u>
1969-70	971	602	71	1,644	4,320	32.2	1,391
1974-75	1,175	925	107	2,207	5,569	39.4	2,195
1979-80	1,295	1,293	210	2,798	6,738	60.2	4,053
1982-83	1,113	1,094	487	2,694	7,223	67.9	4,902
1983-84	1,073	943	483	2,499	7,289	71.9	5,168
1984-85	1,122	996	695	2,813	8,086	63.9	5,168
1985-86	925	936	882	2,743	7,785	63.4	4,934
1986-87	640	535	451	1,626	5,124	62.6	3,208
1987-88	560	544	578	1,682	5,831	64.0	3,732
1988-89	478	471	481	1,430	4,933	71.8	3,540

Delaware: Fresh Market Vegetables, Melons, and Strawberries
Acreage, Average Yield, and Production 1988 and 1989
Season Average Price 1989

Crop	Acres				Average Yield		Total Production		1989
	Planted		Harvested						\$ /cwt.
	1988	1989	1988	1989	1988	1989	1988	1989	

	Cwt		Cwt		Cwt		Cwt		
Asparagus	320	300	290	270	13	12	3,770	3,240	69.30
Cabbage	540	590	540	590	250	210	135,000	123,900	12.70
Cantaloupes	315	425	315	410	95	95	29,925	38,950	19.30
Cauliflower	60	60	60	60	91	35	5,450	2,100	29.60
Green Peas	20	15	15	15	40	18	600	270	35.80
Hot Peppers	15	20	15	20	150	70	2,250	1,400	38.00
Lima Beans	35	30	25	25	34	25	850	625	45.60
Potatoes	8,400	7,700	8,400	7,200	215	160	1,806,000	1,152,000	12.50
Spinach	230	210	230	210	31	20	7,130	4,200	31.10
Strawberries	90	90	90	90	62	54	5,580	4,860	43.10
Sweet Corn	2,000	2,390	1,960	2,270	91	86	178,360	195,220	19.00
Sweet Peppers	30	20	30	20	31	25	930	500	39.80
Tomatoes	70	80	60	70	120	128	7,200	8,960	21.80
Turnips	35	15	30	15	115	102	3,450	1,530	13.00
Watermelons	1,920	2,550	1,910	2,440	300	199	573,000	485,560	5.35
Other Vegetables ¹	830	850	740	780	---	---	---	---	---
Total	14,910	15,345	14,710	14,485	---	---	---	---	---

¹Other vegetables include: Brussels sprouts, broccoli, pumpkins, squash, snap beans, sweet potatoes, greens, and cucumbers.

Delaware: Vegetables for Processing
Acreage, Average Yield, and Production 1988 and 1989

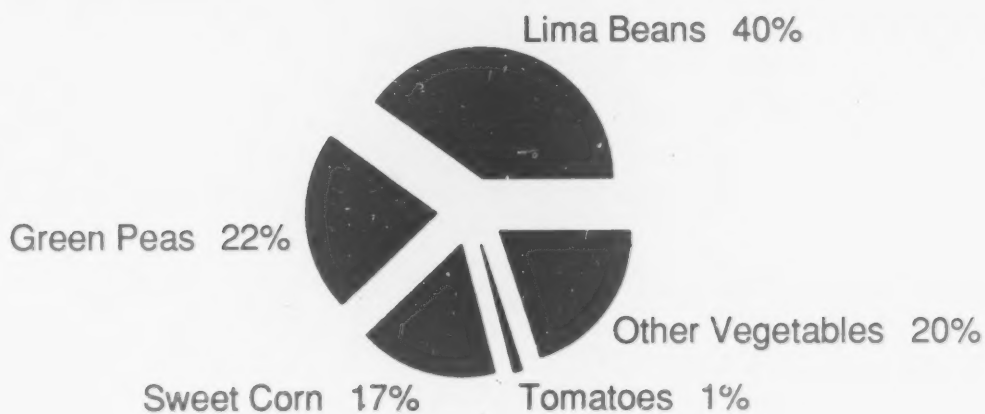
Crop	Acres				Average Yield		Total Production	
	Planted		Harvested					
	1988	1989	1988	1989	1988	1989	1988	1989

	Tons		Tons		Tons		Tons	
Green Peas	7,700	8,500	7,700	8,100	1.53	1.18	11,780	9,560
Hot Peppers	390	190	380	160	6.45	5.13	2,450	820
Lima Beans	12,500	15,200	10,600	14,700	0.51	0.67	5,460	9,810
Sweet Corn	5,300	6,400	5,300	6,300	4.98	5.46	26,390	34,400
Sweet Peppers	180	150	180	120	3.00	4.33	540	520
Tomatoes	1,100	510	1,000	470	6.72	7.77	6,720	3,650
Other Vegetables ¹	5,300	7,200	4,800	6,900	---	---	---	---
Total	32,470	38,150	29,960	36,750	---	---	---	---

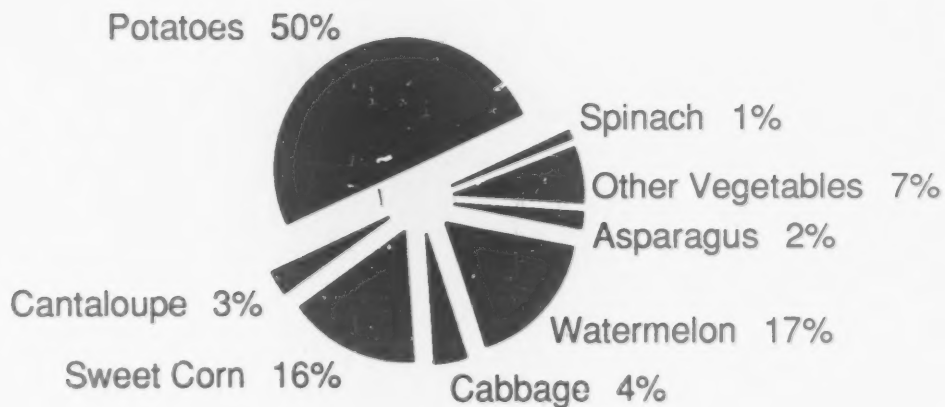
¹Other vegetables include: snap beans, carrots, zucchini, spinach, and cucumbers.

Delaware Vegetables

Major Crops as Percent of Total Acres Harvested
1989



Processing



Fresh Market

Delaware Agricultural Statistics Service 6/90

Vegetables: Acreage, Yield And Production, Delaware, By Counties 1989

New Castle

Crop	Fresh Market				Processing				Total Planted Acres
	Acreage		Yield Cwt.	Production Cwt.	Acreage		Yield Tons	Production Tons	
	Planted	Harvested			Planted	Harvested			
Asparagus	15	10	12	120	---	---	---	---	15
Lima Beans	---	---	---	---	1	1	1	1	1
Cabbage	70	70	200	14,000	---	---	---	---	70
Cantaloupes	65	60	80	4,800	---	---	---	---	65
Cauliflower	20	20	32	640	---	---	---	---	20
Green Peas	---	---	---	---	1	---	---	---	1
Sweet Peppers	5	5	28	140	---	---	---	---	5
Spinach	45	45	20	900	1	---	---	---	1
Strawberries	25	25	41	1,025	---	---	---	---	25
Sweet Corn	330	300	35	10,500	1	---	---	---	1
Turnips	10	10	120	1,190	---	---	---	---	10
Watermelons	80	70	195	13,650	---	---	---	---	80
Other									
Vegetables ²	72	57	---	---	500	500	---	---	572 ^B
Total	737	672	---	---	500	500	---	---	1,237

Kent

Crop	Fresh Market				Processing				Total Planted Acres
	Acreage		Yield Cwt.	Production Cwt.	Acreage		Yield Tons	Production Tons	
	Planted	Harvested			Planted	Harvested			
Asparagus	260	240	12	2,840	---	---	---	---	260
Lima Beans	5	5	21	105	1	---	---	---	1
Cabbage	510	510	210	100,100	---	---	---	---	510
Cantaloupes	55	55	75	4,125	---	---	---	---	55
Cauliflower	30	30	35	1,060	---	---	---	---	30
Green Peas	5	5	15	75	1	---	---	---	1
Sweet Peppers	10	10	23	230	90	70	4.57	320	100
Hot Peppers	10	10	71	710	170	140	5.29	740	180
Spinach	160	160	20	3,185	1	---	---	---	1
Strawberries	45	45	56	2,525	---	---	---	---	45
Sweet Corn	1,490	1,430	107	152,860	1	---	---	---	1
Turnips	3	3	60	180	---	---	---	---	3
Watermelons	140	120	190	22,800	---	---	---	---	140
Other									
Vegetables ²	662	612	---	---	18,140	17,160	---	---	18,802 ³
Total	3,385	3,235	---	---	18,400	17,370	---	---	21,785

Sussex

Crop	Fresh Market				Processing				Total Planted Acres
	Acreage		Yield Cwt.	Production Cwt.	Acreage		Yield Tons	Production Tons	
	Planted	Harvested			Planted	Harvested			
Asparagus	25	20	14	280	---	---	---	---	25
Lima Beans	25	20	26	520	1	---	---	---	1
Cabbage	10	10	180	1,800	---	---	---	---	10
Cantaloupes	305	295	102	30,025	---	---	---	---	305
Cauliflower	10	10	40	400	---	---	---	---	10
Green Peas	10	10	19	195	1	---	---	---	1
Sweet Peppers	5	5	26	130	60	50	4.00	200	65
Hot Peppers	10	10	69	690	20	20	4.00	80	30
Spinach	5	5	23	115	1	---	---	---	1
Strawberries	20	20	65	1,300	---	---	---	---	20
Sweet Corn	570	540	59	31,868	1	---	---	---	1
Turnips	2	2	80	160	---	---	---	---	2
Watermelons	2,330	2,250	200	449,110	---	---	---	---	2,330
Other									
Vegetables ²	178	163	---	---	19,170	18,810	---	---	19,348 ³
Total	3,505	3,360	---	---	19,250	18,880	---	---	22,755

1/ Not published to avoid disclosure of individual operations. 2/ Other fresh vegetables include broccoli, brussels sprouts, cucumbers, greens, pumpkins, snap beans, squash, sweet potatoes, and tomatoes. Other processed vegetables include carrots, cucumbers, green peas, lima beans, snap beans, spinach, sweet corn, tomatoes, and zucchini. 3/ Includes both fresh and processing vegetables listed in footnote 2.

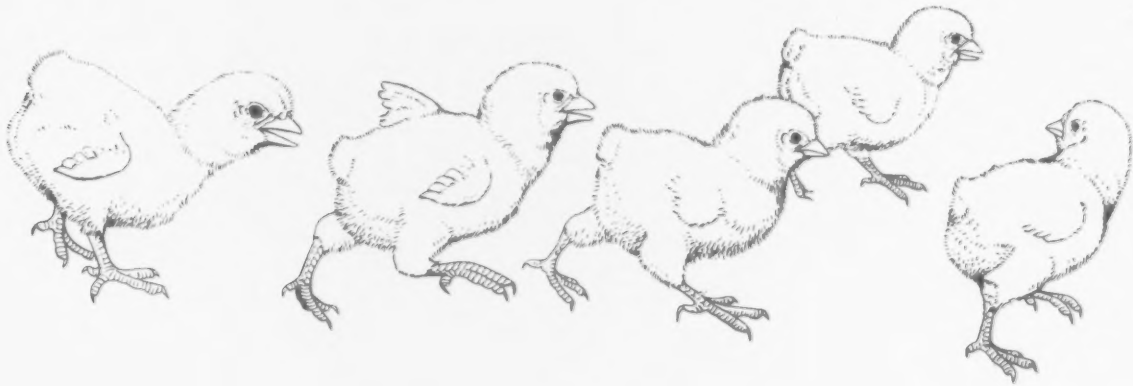
**Vegetables For Processing: Acreage, Average Yield, Production, and Value
Delaware, 1970 - 1989**

Crop	Year	Planted	Harvested	Production		Season Average Price	Value Of Production
				Per Acre	Total		
		<u>Acres</u>			<u>Tons</u>	<u>Dollars Per Ton</u>	<u>Thous. Dollars</u>
Green Lima Beans	1970	15,700	15,500	.74	11,500	173.00	1,990
	1975	12,300	12,100	.83	10,050	285.00	2,864
	1980	9,500	9,300	.73	6,790	309.00	2,098
	1983	14,100	13,600	.79	10,470	-----	-----
	1984	10,500	10,300	.83	8,550	314.00	2,685
	1985	11,100	10,600	.85	9,010	320.00	2,883
	1986	13,600	13,300	.70	9,310	365.00	3,398
	1987	12,900	12,800	.51	6,500	380.00	2,470
	1988	12,500	10,600	.52	5,460	290.00	1,583
	1989	15,200	14,700	.67	9,810	382.00	3,747
Sweet Corn	1970	3,000	2,900	3.95	11,450	23.80	273
	1975	1,800	1,700	4.21	7,150	74.50	533
	1980	2,400	2,400	4.90	11,770	85.40	1,005
	1983	4,000	4,000	4.58	18,320	65.20	1,194
	1984	5,200	5,000	5.71	28,550	79.80	2,278
	1985	4,600	4,600	5.73	26,360	71.20	1,877
	1986	5,200	4,900	4.77	23,370	47.90	1,119
	1987	5,400	5,400	4.72	25,500	54.60	1,392
	1988	5,300	5,300	4.98	26,390	69.00	1,821
	1989	6,400	6,300	5.46	34,400	68.70	2,363
Cucumbers For Pickles	1970 1/	-----	-----	-----	-----	-----	-----
	1975 1/	-----	-----	-----	-----	-----	-----
	1980	1,600	1,600	4.50	7,200	147.00	1,058
	1983	1,600	1,500	5.49	8,240	-----	-----
	1984	1,500	1,500	4.77	7,160	137.00	981
	1985	1,500	1,500	4.35	6,530	144.00	940
	1986 1/	-----	-----	-----	-----	-----	-----
	1987 1/	-----	-----	-----	-----	-----	-----
	1988 1/	-----	-----	-----	-----	-----	-----
Green Peas 2/	1970	5,900	5,800	1.86	10,800	109.00	1,177
	1975	11,900	10,900	1.22	13,300	235.00	3,126
	1980	5,800	5,800	1.53	8,870	248.00	2,195
	1983	9,900	9,400	1.47	13,820	209.00	2,888
	1984	11,600	11,500	1.40	16,100	276.00	4,444
	1985	12,400	12,400	1.79	22,200	277.00	6,149
	1986	10,200	9,600	1.61	15,460	239.00	3,695
	1987	9,700	9,700	1.28	12,420	229.00	2,844
	1988	7,700	7,700	1.53	11,780	180.00	2,120
	1989	8,500	8,100	1.18	9,560	233.00	2,227
Tomatoes	1970	1,600	1,900	16.50	24,750	42.00	1,040
	1975 1/	-----	-----	-----	-----	-----	-----
	1980 1/	-----	-----	-----	-----	-----	-----
	1983	840	840	13.36	11,220	71.50	802
	1984	840	820	18.09	14,830	76.50	1,134
	1985	1,200	1,100	12.67	13,940	72.10	1,005
	1986 1/	-----	-----	-----	-----	-----	-----
	1987	900	800	11.68	9,340	72.20	674
	1988	1,100	1,100	6.72	6,720	74.10	498
	1989	510	470	7.77	3,650	89.70	327

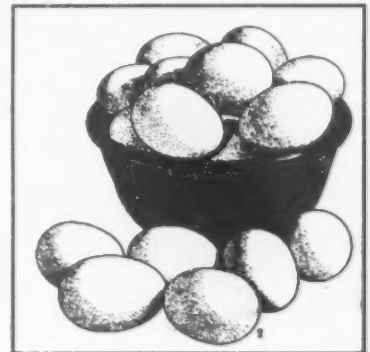
1/ Not published to avoid disclosure of individual operations.
2/ Shelled basis.

POULTRY

Delaware's poultry industry, while already dominant in the economy, continued to grow in 1989. **Broiler/roaster** production increased 4 percent to 1.13 billion pounds, moving Delaware up to the number seven spot nationally in production. The average price per pound rose for the third consecutive year, up 4 cents to 40.5 cents per pound. Value of production was \$458.5 billion, up 16 percent from 1988, and accounted for 68.8 percent of Delaware's farm income.



There were 147 million **eggs** produced in Delaware in 1989, nearly a 1 percent increase over the previous year, and the fourth consecutive year to show an increase. Average number of layers on farms during the year actually declined 5 percent to 640 thousand, but eggs per layer was more than offsetting, rising over 6 percent to 230. Value of production was \$13.6 million, 5 percent above 1988.



Broiler-Type Eggs Set, Chickens Hatched And Placed In Growing Houses,
Delaware, By Weeks, 1987 - 1989 1/

Year and Week Ending	Eggs Set	Chicks Hatched	Chicks Placed	Year and Week Ending	Eggs Set	Chicks Hatched	Chicks Placed
		----- Thous. -----			----- Thous. -----		
<u>1987</u>				<u>1988</u>			
Oct 03	4,233	2,928	3,798	Oct 01	4,343	3,599	4,079
10	3,864	3,103	3,735	08	4,325	3,480	4,249
17	3,390	3,527	4,237	15	3,556	3,719	4,710
24	3,577	3,499	4,877	22	3,432	3,668	4,592
31	4,362	3,163	3,276	29	3,811	3,681	4,298
Nov 07	4,326	2,795	4,040	Nov 05	3,813	3,030	3,718
14	4,399	2,914	4,029	12	4,050	2,905	3,794
21	4,361	3,510	4,252	19	4,189	3,250	4,851
28	4,049	3,523	4,473	26	4,256	3,220	4,809
Dec 05	3,808	3,606	5,083	Dec 03	4,208	3,423	4,221
12	4,294	3,659	4,174	10	4,214	3,592	4,578
19	4,401	3,416	4,939	17	4,222	3,640	4,567
26	4,389	3,213	3,898	24	4,172	3,544	4,715
				31	4,243	3,566	4,029
<u>1988</u>				<u>1989</u>			
Jan 02	4,390	3,652	4,206	Jan 07	4,250	3,542	4,807
09	4,419	3,697	4,240	14	3,758	3,497	4,926
16	4,325	3,707	4,365	21	4,318	3,594	4,918
23	4,116	3,682	4,668	28	4,314	3,547	4,570
30	4,126	3,703	4,700				
Feb 06	4,168	3,634	4,341	Feb 04	4,380	3,209	4,754
13	4,186	3,418	4,277	11	4,355	3,620	4,286
20	4,304	3,433	4,284	18	4,345	3,670	4,284
27	4,273	3,490	4,589	25	4,351	3,709	4,582
Mar 05	4,359	3,504	4,194	Mar 04	4,230	3,720	4,103
12	3,917	3,595	4,624	11	4,186	3,702	4,947
19	4,193	3,666	4,178	18	4,276	3,699	5,240
26	4,179	3,689	4,315	25	4,204	3,624	4,588
Apr 02	4,224	3,328	4,278	Apr 01	4,214	3,579	4,511
09	4,339	3,533	4,363	08	4,270	3,619	5,288
16	4,298	3,553	4,279	15	4,227	3,565	4,697
23	4,149	3,721	4,602	22	4,247	3,635	4,832
30	4,316	3,718	4,878	29	4,175	3,679	5,124
May 07	4,392	3,681	4,997	May 06	4,272	3,700	4,693
14	4,406	3,539	4,638	13	4,257	3,642	4,726
21	4,409	3,666	4,390	20	4,428	3,572	5,126
28	4,422	3,694	4,600	27	4,325	3,622	4,344
Jun 04	4,342	3,713	3,935	Jun 03	4,332	3,610	4,393
11	4,368	3,747	4,582	10	4,492	3,738	5,028
18	4,344	3,776	4,158	17	4,510	3,786	4,854
25	4,109	3,710	4,894	24	4,502	3,799	4,179
Jul 02	4,098	3,745	5,098	Jul 01	4,185	3,827	5,482
09	4,325	3,676	4,970	08	4,165	3,854	4,566
16	4,381	3,485	4,356	15	4,216	3,873	5,385
23	4,429	3,432	4,702	22	4,272	3,558	5,076
30	4,367	3,610	4,861	29	4,345	3,543	4,665
Aug 06	4,303	3,666	4,817	Aug 05	4,414	3,571	4,565
13	4,222	3,649	3,781	12	4,403	3,600	4,967
20	4,298	3,583	4,250	19	4,432	3,604	4,575
27	4,355	3,632	4,826	26	4,044	3,688	4,706
Sep 03	3,784	3,589	4,450	Sep 02	4,194	3,651	4,494
10	4,350	3,562	5,234	09	3,874	3,714	4,733
17	4,196	3,580	4,284	16	2,926	3,392	4,877
24	4,333	3,144	3,977	23	4,210	3,507	4,489
				30	4,190	3,254	4,031
Total 1988	219,967	183,458	229,992	Total 1989	221,922	189,632	245,621

1/ Eggs set & chicks hatched include eggs for all broiler-type chicks, including those raised as broilers & as hatchery flock replacement. Chicks placed include only chicks raised as broilers.

Commercial Broilers: Production and Value, Delaware, 1970 - 1989

Year ¹	Number Produced	Average Liveweight	Production	Average Price Per Pound ²	Value ³
	Thous. Birds	Pounds	Thous. Pounds	Cents	Thous. Dollars
1970	135,574	3.9	528,739	14.9	78,782
1975	136,278	3.9	531,484	25.6	136,060
1980	166,729	4.2	700,262	28.5	199,575
1983	181,862	4.8	872,938	31.0	270,611
1984	189,615	4.8	910,152	36.5	332,205
1985	196,339	4.8	942,715	33.0	311,096
1986	196,783	4.8	944,558	37.5	354,209
1987	209,181	5.0	1,049,090	30.5	319,972
1988	217,455	5.0	1,087,275	36.5	396,855
1989	226,415	5.0	1,132,075	40.5	458,490

¹Twelve month period beginning with December of the previous year.

²Liveweight equivalent price.

³Gross income including home consumption.

Broiler-Type Chicks Hatched By Commercial Hatcheries: Delaware, 1975 - 1989

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
<u>1,000 Birds</u>													
1975	13,614	10,965	12,582	12,331	12,707	12,143	12,168	12,054	11,572	12,203	12,248	12,764	147,351
1980	10,561	9,704	11,113	10,736	11,736	11,203	10,560	10,182	9,023	10,026	9,769	10,094	124,381
1983	11,911	10,528	12,229	12,231	12,340	12,100	12,074	11,830	11,217	10,826	11,043	12,063	140,392
1984	11,751	11,768	13,162	12,777	13,189	13,289	13,275	13,599	12,452	12,286	12,019	13,477	153,014
1985	13,733	12,408	14,312	14,087	14,787	14,594	14,157	13,564	12,985	12,968	13,497	14,533	165,625
1986	13,547	12,718	14,955	14,988	15,592	15,530	15,379	14,128	13,946	14,393	13,627	15,515	174,318
1987	15,305	12,753	14,687	14,513	15,247	15,345	16,044	15,120	14,046	14,548	13,773	15,471	176,852
1988	16,353	14,454	15,828	15,477	16,173	16,027	15,798	16,055	14,910	15,930	13,493	15,930	186,308
1989	15,557	14,427	16,199	15,522	16,068	16,152	16,396	16,049	14,871	14,621	14,433	15,300	185,595

Chick Hatcheries: Number and Egg Capacity, January 1, Selected Years, Delaware, 1975 - 1989

Year	Number of Hatcheries	Egg Capacity
1975	9	15,083
1977	9	15,255
1979	7	15,255
1981	4	11,115
1983	4	11,079
1985	5	12,537
1987	4	13,130
1989	4	14,185

Egg Production: Number of Layers, Eggs Per Layer
And Total Production, Quarterly, Delaware, 1970 - 1989

Year	December - February 1/	March - May	June - August	September - November	Annual
<u>Layers on Farms - Thousand</u>					<u>Average</u>
1970	612	607	614	615	612
1975	533	520	504	571	520
1980	537	615	688	689	632
1983	615	628	645	642	633
1984	645	629	637	626	634
1985	573	564	616	620	594
1986	589	627	645	626	622
1987	639	697	710	704	688
1988	681	683	690	653	677
1989	612	626	639	685	640
<u>Total Eggs Per Layer During Quarter 2/</u>					<u>Total</u>
1970	49.6	52.3	52.9	51.6	306
1975	59.4	61.3	62.4	61.8	245
1980	55.3	58.3	63.2	60.6	237
1983	55.3	57.7	57.4	54.5	226
1984	54.3	52.5	58.1	55.9	221
1985	52.4	53.2	53.6	53.2	212
1986	52.6	54.2	55.8	54.3	217
1987	50.0	51.7	53.5	54.0	209
1988	54.3	54.2	53.6	53.6	216
1989	53.9	57.5	57.9	59.9	230
<u>Total Egg Production During Quarter - Millions</u>					<u>Total</u>
1970	30	32	32	32	126
1975	28	29	29	29	115
1980	27	33	40	38	138
1983	34	36	37	35	142
1984	35	33	37	35	140
1985	30	30	33	33	126
1986	31	34	36	34	135
1987	32	36	38	38	144
1988	37	37	37	35	146
1989	33	36	37	41	147

1/ December of the preceding year.

2/ The annual eggs per layer may not add to rounding.

Eggs: Production, Disposition and Value of Sales, Delaware, 1970-1989 1/

Year 2/	Hens & Pullets Of Laying Age 3/	Average Number Of Layers On Hand During Year	Eggs Per Layer 4/	Eggs Produced	Eggs Consumed In Farm Household	Eggs Sold	Price Per Dozen	Value of Production
	<u>Thous. Birds</u>		<u>Number</u>	<u>Millions</u>		<u>Millions</u>	<u>Cents</u>	<u>Thous. Dollars</u>
1970	615	612	206	126	1	125	56.9	5,927
1975	540	520	221	115	1	114	68.7	6,527
1980	510	632	218	138	.5	137.5	64.0	7,333
1983	622	633	224	142	5/	142.0	95.5	11,301
1984	642	634	221	140	5/	140.0	105.0	12,250
1985	589	594	212	126	NA	NA	98.0	10,290
1986	578	622	217	135	--	--	98.0	11,025
1987	615	688	209	144	--	--	101.0	12,120
1988	676	677	216	146	--	--	106.0	12,897
1989	608	640	230	147	--	--	111.0	13,598

1/ Includes hatching eggs and eggs sold at retail by farmers.

2/ Marketing year is from December of the previous year to November 30 of the year shown.

3/ On hand December 1 of the previous year.

4/ Eggs produced divided by average number of layers on hand.

5/ Less than one-half million eggs.

Chickens: Inventory and Value on December 1, Delaware, 1969 - 1989

Year	Hens and Pullets of Laying Age			Pullets 3 Months Old And Older Not Of Laying Age	Pullets Under 3 Months	Other Chickens	Total Chickens	Value Per Bird	Total Value
	Hens	Pullets	Total						
1969 ¹	312	303	615	93	109	25	842	1.40	1,179
1974	179	361	540	135	85	60	820	1.90	1,558
1979	213	297	510	202	112	26	850	1.70	1,445
1983	157	485	642	135	180	67	1,024	3.25	3,328
1984	129	460	589	101	106	52	848	3.05	2,586
1985	110	468	578	127	157	67	929	4.45	4,134
1986	150	465	615	104	145	74	938	4.05	3,799
1987	131	545	676	107	175	69	1,027	4.34	4,467
1988	193	415	608	235	76	67	986	5.00	4,930
1989	247	479	726	181	95	67	1,069	4.35	4,650

¹January 1, 1970.

Chickens and Turkeys: Production, Disposition and Value, Delaware, 1969 - 1989 1/

Year	Number Raised	Production Number	Production Pounds 2/	Home Consumption		Pounds Sold	Total Value
				Number	Value		
		Thous. Birds	Thous. Pounds	Thous. Birds	Thous. Dollars	Thous. Pounds	Thous. Dollars
				Chickens 3/			
1969	650	536	3,068	27	15	3,006	814
1974	510	437	2,787	25	12	3,100	589
1979	610	502	2,779	22	14	3,782	547
1983	1,103	1,013	7,215	12	8	6,750	953
1984	800	710	6,453	30	25	6,762	1,242
1985	--	--	--	--	--	6,400	960
1986	--	--	--	--	--	6,400	832
1987	--	--	--	--	--	5,678	625
1988	--	--	--	--	--	6,285	566
1989	--	--	--	--	--	5,250	893
				Turkeys 4/			
						Cents/lb.	
1969	240	240	3,525			22.1	779
1979	348	--	6,786	--	--	42.0	2,850
1983	294	--	5,880	--	--	44.0	2,037
1984	64	--	1,408	--	--	49.0	690
1985	11	--	286	--	--	62.0	177
1986 5/	125	--	2,625	--	--	64.0	1,680
1987 5/	133	--	2,660	--	--	60.0	1,596
1988 5/	135	--	2,835	--	--	60.0	1,701
1989 5/	100	--	1,815	--	--	59.8	1,086

- 1/ Marketing year is Dec. 1 of the previous year though Nov. 30 of the year shown.
- 2/ Number of pounds available for utilization during the year, i.e. sales plus home consumption plus or minus the change in inventory.
- 3/ Excludes commercial broilers. Marketing year is from December 1 of the previous year to November 30 of the year shown. Estimates discontinued in 1984.
- 4/ Based on hatch from September 1 of previous year to August 31 of the year shown.
- 5/ Includes Delaware and Maryland to avoid disclosure of individual operations.

DAIRY

Milk production continued to decline in Delaware in 1989, down 5 percent to 128 million pounds. There were an average 9,200 milk cows on farms during the year, just 100 head less than in 1988. Milk per cow also declined during the year to 13,870 pounds, 4 percent below 1988's level. Dairymen received an average \$14.50 per hundredweight over the year, nearly 12 percent more than the \$13.00 for 1988. Total farm value of milk produced rose 5 percent to \$18.5 million.



Milk Production: Number Of Cows, Production Per Cow And Total Production
Quarterly, Delaware 1970 - 1989

Year	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Annual
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Milk Cows On Farm - Thousand Head 1/

1970	13.9	13.6	13.4	13.1	13.5
1975	12.3	11.7	11.4	11.3	11.7
1980	10.6	10.4	10.3	10.2	10.4
1983	10.2	10.3	10.2	10.3	10.3
1984	10.2	10.0	10.0	9.8	10.0
1985	10.0	10.0	10.5	10.5	10.3
1986	10.3	10.3	9.7	9.7	10.0
1987	9.7	9.7	9.5	9.1	9.5
1988	9.2	9.2	9.3	9.3	9.3
1989	9.3	9.1	9.1	9.1	9.2

Production Per Milk Cow - Pounds 2/ 3/

1970	2,237	2,449	2,478	2,473	9,630
1975	2,618	2,778	2,772	2,717	10,855
1980	3,050	3,100	3,000	2,900	12,019
1983	3,440	3,390	3,275	3,260	13,301
1984	3,280	3,400	3,200	3,270	13,150
1985	3,500	3,650	3,600	3,600	14,282
1986	3,590	3,690	3,710	3,610	14,600
1987	3,710	3,710	3,580	3,625	14,632
1988	3,800	3,750	3,570	3,475	14,516
1989	3,650	3,660	3,295	3,340	13,870

Total Production - Million Pounds 2/

1970	31.1	33.3	33.2	32.4	130
1975	32.2	32.5	31.6	30.7	127
1980	32.3	32.2	30.9	29.6	125
1983	35.1	34.9	33.4	33.6	137
1984	33.5	34.0	32.0	32.0	132
1985	35.0	36.5	37.8	37.8	147
1986	37.0	38.0	36.0	35.0	147
1987	36.0	36.0	34.0	33.0	139
1988	35.0	34.5	33.2	32.3	135
1989	33.9	33.3	30.0	30.4	128

1/ Excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

3/ Quarterly milk production per cow may not add to the total for the year due to rounding of quarterly estimates.

Average Per Cow, Grain & Concentrates Fed Daily And Average Value Per Cwt.
Of Ration Fed, Quarterly, Delaware 1970 - 1989

Year	January 1		April 1		July 1		October 1	
	Pounds Fed	Dollar Value	Pounds Fed	Dollar Value	Pounds Fed	Dollar Value	Pounds Fed	Dollar Value
1970	12.8	4.50	13.3	4.00	11.7	4.00	14.6	4.12
1975	14.8	6.45	16.1	5.98	13.5	5.93	12.1	6.05
1980	15.0	7.30	15.1	7.50	15.2	7.60	15.2	8.60
1983	15.6	7.80	16.0	8.30	14.5	7.80	14.5	8.75
1984	14.4	9.00	15.3	9.10	14.8	9.05	15.4	8.80
1985	15.9	8.50	16.4	7.85	15.0	7.50	14.0	7.40
1986	15.5	7.80	14.0	8.15	15.6	7.65	15.5	7.65
1987	16.4	7.55	16.0	7.40	16.0	7.50	15.9	7.25
1988	16.9	7.80	16.8	7.70	17.0	8.10	17.0	8.75
1989	16.5	8.60	18.9	9.40	16.3	9.10	14.0	8.70

Milk Cows And Milk Production, Delaware 1970 - 1989
Production Of Milk And Milkfat

Year	Number of Milk Cows On Farms 1/	Per Milk Cow Milk	Per Milk Cow Milkfat	Percentage of Fat In All Milk Produced	Total Milk	Total Milkfat
	<u>Thous.</u>	<u>Pounds</u>		<u>Percent</u>	<u>Million Pounds</u>	
1970	13.5	9,630		3.69	130	4.8
1975	11.7	10,855	434	3.70	129	4.7
1980	10.4	12,019	442	3.68	125	4.6
1983	10.3	13,301	489	3.68	137	5.0
1984	10.0	13,150	483	3.67	132	4.8
1985	10.3	14,282	521	3.65	147	5.4
1986	10.0	14,600	529	3.67	146	5.4
1987	9.5	14,632	540	3.69	139	5.1
1988	9.3	14,516	537	3.70	135	5.0
1989	9.2	13,870	513	3.70	128	4.7

1/ Average number during year, excluding heifers not yet fresh.

Milk Disposition, Income And Value,
Delaware, 1970 - 1989

Year	Combined Marketing of Milk & Cream				Milk Used On Farm Where Produced			Gross Farm Income From Dairy Products 4/	Farm Value of Milk Produced 3/ 5/
	Milk Utilized	Av. Returns 1/		Cash Receipts From Marketings	Fed to Calves 2/	All Milk Utilized 3/	Value 3/		
		Per 100 Pounds	Per Pound						
	<u>Million Pounds</u>	<u>Dollars</u>		<u>Thous. Dollars</u>	<u>Million Pounds</u>		<u>Thous. Dollars</u>		
1970	127	6.70	1.81	8,509	1	2	134	8,643	8,710
1975	124	9.51	2.59	11,794	1	2	190	11,984	12,078
1980	123	12.67	3.72	16,825	1	1	137	16,961	17,098
1983	135	14.00	3.80	18,900	1	1	140	19,040	19,180
1984	130	14.00	3.81	18,130	1	1	140	18,270	18,410
1985	145	13.10	3.59	19,008	1	1	131	19,139	19,270
1986	144	12.80	3.49	18,432	1	1	128	18,560	18,688
1987	137	13.20	3.58	18,084	1	1	132	18,216	18,348
1988	133	13.00	3.51	17,290	1	1	130	17,420	17,550
1989	126	14.50	3.92	18,212	1	1	145	18,357	18,502

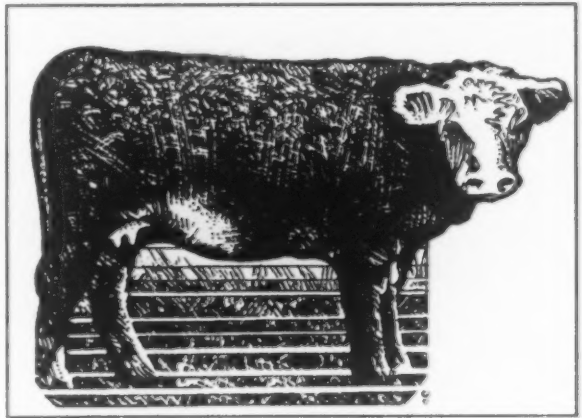
- 1/ Cash receipts divided by milk or milkfat represented in combined marketings.
- 2/ Excludes milk sucked by calves.
- 3/ Used for milk, cream and butter where produced, valued at average returns per 100 pounds of milk in combined marketing of milk and cream.
- 4/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm churned butter.
- 5/ Includes value of milk fed to calves.

Number Of Operations With Milk Cows

1987	200
1988	180
1989	180

Livestock

The January 1, 1990, inventory of **cattle and calves** in Delaware was 31,000, the same level as the two previous years. The average value per head climbed to \$700, raising the state herd value 7 percent, to \$21.7 million. Cash receipts from cattle and calves were \$2.5 million, a decline of 25 percent from 1989. The State's calf crop declined last year to 9 thousand head from the 11 thousand head level of the two previous years. Commercial cattle slaughter for Delaware - Maryland combined was 46.3 thousand head in 1989, down 6 percent from the previous year, while calf slaughter increased 35 percent to 32.3 thousand.



Hog and pig inventory on December 1, 1989, totaled 32 thousand head, 3 percent less than a year earlier. At \$83.00 per head, the State's herd had a value of \$2.7 million, 14 percent above the December 1, 1988, level. Breeding stock, at 5 thousand head, accounted for 16 percent of the total, while market hogs totaled 27 thousand. Cash receipts fell 35 percent from 1988 to \$6.25 million. There were 9,800 litters farrowed during the year,

down 16 percent from 1988. Coupled with a slightly lower average litter size, annual pig crop was 72 thousand head, 17 percent below 1988.

Number Of Livestock Farms¹, By Type: Delaware, 1970 - 1989

Year	Farms With Cattle	Farms With Milk Cows	Farms With Hogs & Pigs
1970	1,000	550	960
1975	1,000	400	700
1980	780	280	620
1983	720	250	500
1984	700	250	450
1985	700	230	350
1986	730	230	440
1987	700	220	420
1988	680	180	400
1989	680	180	400

1/ An operation is any place having one or more head of the species on hand at any time during the year.

Number and Value Of Cattle and Calves On Farms
In Delaware, January 1970 - 1990

Year	All Cattle & Calves Number	All Cattle & Calves Value Per Head	All Cattle & Calves Total Value
	<u>Thous. Head</u>	<u>Dollars</u>	<u>Thous. Dollars</u>
1970	31	225	6,975
1975	33	250	8,250
1980	30	675	20,250
1984	30	605	18,150
1985	26	615	15,990
1986	27	615	16,605
1987	33	555	18,315
1988	31	625	19,375
1989	31	665	20,305
1990	31	700	21,700

Number and Value Of Hogs and Pigs On Farms In
Delaware, December 1, 1969 - 1989

Year	All Hogs & Pigs Number	All Hogs & Pigs Value Per Head	All Hogs & Pigs Total Value
	<u>Thous. Head</u>	<u>Dollars</u>	<u>Thous. Dollars</u>
1969	51	35.40	1,805
1974	48	47.50	2,280
1979	50	51.50	2,575
1983	40	62.50	2,500
1984	36	70.00	2,520
1985	50	68.00	3,400
1986	60	95.00	5,700
1987	58	80.00	4,640
1988	33	70.50	2,327
1989	32	83.00	2,656

Cattle: Number By Classes, Delaware, January 1, 1970 - 1990

Species and Class	1970	1975	1980	1984	1985	1986	1987	1988	1989	1990
<u>Thousand Head</u>										
All Cattle and Calves-January 1	31	33	30	30	26	27	33	31	31	31
Cows and Heifers that have calved	18	18	15	13	12	12	13	11	12	11
Beef Cows	4	5	4	3	2	2	3	2	3	2
Milk Cows	14	13	11	10	10	10	10	9	9	9
Heifers 500 pounds and over	6	5	6	5	5	6	7	7	7	4
For Beef Cow Replacement	1	1	1	1	1	1	1	1	1	1
For Milk Cow Replacement	3	3	3	3	3	3	3	3	3	2
Other	2	1	2	1	1	2	2	2	2	1
Steers 500 pounds and over	2	3	3	6	3	4	6	7	6	9
Bulls 500 pounds and over	1	1	1	1	1	1	1	1	1	1
Heifers, Steers and Bulls										
Under 500 pounds	4	6	5	5	5	4	7	6	6	6
Calves born during previous year	15	16	13	11	10	10	13	11	11	9

Hogs: Number By Classes, Delaware, December 1, 1969 - 1989

Species and Class	1969	1974	1979	1983	1984	1985	1986	1987	1988	1989
<u>Thousand Head</u>										
All Hogs and Pigs-December 1	51	48	50	40	36	50	60	58	33	32
Breeding Hogs	8	10	7	5	6	10	11	10	7	5
Market Hogs	43	38	43	35	30	40	49	48	26	27
Under 60 pounds	16	16	14	12	11	20	20	17	15	10
60-119 pounds	11	7	12	7	6	6	12	10	5	7
120-179 pounds	9	9	10	9	6	6	8	7	4	7
180-pounds and over	7	6	7	7	7	8	9	14	2	3

Sows Farrowed, Pigs Per Litter And Pig Crops: Delaware, 1969 - 1989

Year	Sows Farrowed			Pigs Per Litter			Pig Crop		
	Dec - May ¹	June - Nov	Annual Total	Dec - May ¹	June - Nov	Annual Average	Dec - May ¹	June - Nov	Annual Total
<u>Thousand Head</u> <u>Number</u> <u>Thousand Head</u>									
1969	4.7	5.5	10.2	7.3	7.5	7.4	34	41	75
1974	6.8	5.6	12.4	7.0	7.4	7.2	48	41	89
1979	6.5	5.0	11.5	7.3	7.0	7.1	47	35	82
1983	5.5	4.0	9.5	7.3	7.5	7.4	40	30	70
1984	4.8	3.6	8.4	7.5	7.2	7.4	36	26	62
1985	6.0	6.0	12.0	8.5	7.8	8.2	51	47	98
1986	8.9	9.6	18.5	8.0	6.9	7.4	71	66	137
1987	9.0	8.0	17.0	6.7	7.6	7.1	60	61	121
1988	5.2	6.4	11.6	8.3	6.9	7.5	43	44	87
1989	6.4	3.4	9.8	7.2	7.6	7.3	46	26	72

¹December preceding year.

Meat Animals: Inventory, Supply and Disposition, Delaware 1970 - 1989

Year & Class	On Hand First Of Year	Births	Inshipments	Marketings 2/	Farm Slaughter 3/	Deaths	On Hand End Of Year
--------------	-----------------------------	--------	-------------	------------------	-------------------------	--------	---------------------------

Thous. Head

Cattle & Calves 1/

1970	31	15	0	12	1	2	31
1975	33	15	0	12	1	3	33
1980	30	13	0	7	1	3	32
1983	36	11	0	13	1	3	30
1984	30	10	0	11	1	2	26
1985	26	10	0	6	1	2	27
1986	27	13	0	6	0	1	33
1987	33	11	0	10	1	2	31
1988	31	11	0	8	1	2	31
1989	31	9	0	6	1	2	31

Hogs & Pigs 1/

1970	51	84	0	66	2	7	60
1975	48	89	7	86	1	7	50
1980	50	78	6	59	2	8	56
1983	33	70	6	61.9	0.1	7	40
1984	40	62	6	66.9	0.1	5	36
1985	36	98	5	83.9	0.1	5	50
1986	50	137	7	126.9	0.1	7	60
1987	60	121	8	122.9	0.1	8	58
1988	58	87	5	111.9	0.1	5	33
1989	33	72	5	72.9	0.1	5	32

1/ Cattle and calves - Jan. 1 - Dec.31; Hogs and pigs - Dec. 1 to Nov. 30.

2/ Includes custom slaughter for use on farms where produced, but excludes inter-farm sales within the state.

3/ Excludes custom slaughter for farmers at commercial establishments.

Meat Animals: Production and Income, Delaware, 1970 - 1989

Year & Class	Production 1/	Marketings 2/	Average Price Per 100 Pounds	Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income
--------------------	------------------	------------------	---------------------------------	------------------------	------------------------	---------------------------------	-----------------

Thous. Pounds		Dollars		Thous. Dollars			
		Cattle	Calves				
Cattle & Calves							
1970	8,030	22.20	39.00	1,834	355	2,189	
1975	9,685	27.40	33.20	2,695	466	2,674	
1980	7,500	54.00	84.80	4,256	648	3,592	
1983	4,260	67.25	67.00	2,341	1,266	4,849	
1984	5,045	61.60	64.50	2,749	1,296	4,646	
1985	7,595	47.60	61.80	3,652	1,229	3,055	
1986	8,955	46.10	57.90	4,305	1,720	2,483	
1987	8,145	54.20	67.80	4,514	1,517	5,228	
1988	7,895	61.40	78.20	4,981	1,673	4,981	
1989	6,510	62.80	79.10	4,185	1,709	4,185	
Hogs & Pigs							
1970	16,580	24.70		3,674	193	3,867	
1975	17,406	46.90		8,471	244	8,715	
1980	13,356	40.10		5,459	341	4,699	
1983	13,221	48.70		6,446	22	6,239	
1984	13,251	48.00		6,385	22	6,807	
1985	19,102	44.40		8,522	20	7,980	
1986	28,140	48.40		13,643	26	13,321	
1987	25,925	50.10		13,012	27	13,280	
1988	18,458	42.10		7,812	181	9,803	
1989	14,527	41.80		6,091	18	6,269	

Hogs & Pigs

1970	16,580	24.70		3,674	193	3,867	
1975	17,406	46.90		8,471	244	8,715	
1980	13,356	40.10		5,459	341	4,699	
1983	13,221	48.70		6,446	22	6,239	
1984	13,251	48.00		6,385	22	6,807	
1985	19,102	44.40		8,522	20	7,980	
1986	28,140	48.40		13,643	26	13,321	
1987	25,925	50.10		13,012	27	13,280	
1988	18,458	42.10		7,812	181	9,803	
1989	14,527	41.80		6,091	18	6,269	

1/ Adjustments made for inshipments and changes in inventory.

2/ Excludes custom slaughter for use on farms where produced and inter-farm sales within state.

3/ Receipts from marketings and sale of farm slaughter.

Commercial Livestock Slaughtered 1/: Delaware and Maryland, 1988 - 1989

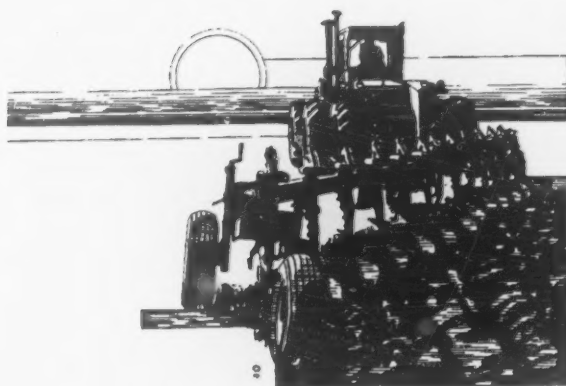
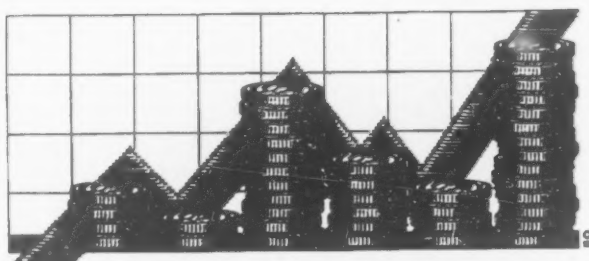
Species And Month	1988			1989		
	No. of Head Slaughtered	Average Liveweight	Total Liveweight	No. of Head Slaughtered	Average Liveweight	Total Liveweight
	Thous.	Pounds	Thous. Lbs.	Thous.	Pounds	Thous. Lbs.
<u>Cattle</u>						
January	4.0	1,159	4,655	4.3	1,150	4,984
February	4.1	1,176	4,791	3.6	1,173	4,428
March	4.7	1,182	5,508	3.9	1,181	4,570
April	3.7	1,196	4,469	3.7	1,185	4,346
May	4.0	1,186	4,770	4.0	1,184	4,770
June	4.1	1,189	4,916	3.7	1,187	4,440
July	3.3	1,166	3,858	3.3	1,192	3,966
August	4.4	1,186	5,194	3.8	1,191	4,581
September	4.1	1,166	4,781	3.8	1,196	4,494
October	4.3	1,154	4,968	4.1	1,152	4,721
November	4.4	1,154	5,113	4.4	1,135	4,993
December	4.2	1,160	4,883	3.6	1,173	4,239
Total 2/	49.4	1,173	57,906	46.3	1,174	54,344
<u>Calves</u>						
January	1.7	365	610	2.7	369	1,014
February	1.6	374	610	2.3	381	874
March	1.8	376	671	2.5	389	959
April	1.3	376	484	2.8	380	1,059
May	2.0	368	743	3.3	381	1,260
June	1.9	370	705	2.8	382	1,054
July	1.2	373	458	2.4	394	956
August	1.8	375	685	2.3	390	904
September	2.2	375	824	2.3	387	872
October	2.4	373	896	2.8	379	1,052
November	3.2	384	1,224	3.0	387	1,141
December	2.8	381	1,068	3.2	373	1,208
Total	23.9	375	8,976	32.3	383	12,351
<u>Hogs</u>						
January	18.3	226	4,126	20.6	224	4,606
February	19.6	225	4,395	16.3	221	3,605
March	20.0	221	4,419	16.9	224	3,774
April	18.0	219	3,934	15.6	227	3,541
May	21.4	223	4,751	17.5	223	3,900
June	19.3	216	4,161	17.8	222	3,967
July	17.4	211	3,668	16.9	215	3,627
August	19.4	214	4,158	18.7	213	3,970
September	21.3	212	4,530	18.5	216	4,006
October	21.6	218	4,699	19.0	221	4,188
November	22.4	215	4,821	20.0	215	4,296
December	21.9	203	4,446	22.4	212	4,736
Total 2/	240.4	217	52,109	220.1	219	48,217
<u>Sheep And Lambs</u>						
January	1.2	108	134	1.4	114	162
February	1.2	111	139	1.2	111	132
March	1.6	110	175	1.6	107	173
April	1.3	103	132	1.5	100	147
May	1.5	105	154	1.6	96	155
June	1.7	104	173	1.6	99	157
July	2.0	108	218	1.7	101	168
August	2.2	107	231	2.1	102	212
September	1.7	105	184	1.9	101	191
October	1.8	106	186	1.7	100	170
November	1.6	105	166	1.8	100	183
December	1.6	107	171	1.8	101	186
Total 2/	19.4	107	2,063	19.9	102	2,035

1/ Includes slaughter under federal inspection and other commercial slaughter; excludes farm slaughter.

2/ May not add due to rounding.

Income and Prices

Delaware's farmers grossed over \$705 million in 1989, a 10 percent increase over the previous year, and a new high. Leading the increase was higher income from broilers, which climbed nearly 16 percent, to \$458.5 million. Also contributing to the increase were soybeans and corn, with 19 percent and 35 percent increases, respectively.



Cash Receipts From Marketings, by Commodities, Delaware 1987 - 1989 1/

Commodity	1987		1988		1989	
	Value \$1,000	Percent Of Total	Value \$1,000	Percent Of Total	Value \$1,000	Percent Of Total
<u>Livestock And Products</u>	370,312	75.6	443,537	74.2	503,064	75.5
Broilers	319,972	65.4	396,855	66.3	458,490	68.8
Dairy Products	18,084	3.7	17,290	2.9	18,269	2.8
Hogs	13,253	2.7	9,622	1.6	6,251	.9
Eggs	12,120	2.5	12,897	2.2	13,598	2.0
Cattle & Calves	3,711	.8	3,308	.6	2,476	.4
Farm Chickens	625	.1	566	.1	893	.1
Other 2/	2,547	.5	2,999	.5	3,087	.5
<u>All Crops</u>	116,629	23.8	151,654	25.4	161,374	24.2
Field Crops	47,645	9.7	76,502	12.8	82,339	12.4
Soybeans	23,345	4.7	41,236	6.9	40,908	6.1
Corn	16,604	3.4	19,956	3.3	25,225	3.8
Wheat	4,463	.9	10,643	1.8	11,158	1.7
Barley	2,369	.5	3,359	.6	3,609	.5
Hay	577	.1	960	.2	1,116	.2
Rye	127	--	178	--	143	--
Other 3/	160	--	170	--	180	--
Vegetables And Melons	31,050	6.3	36,502	6.1	40,719	6.1
Potatoes	11,242	2.3	16,147	2.7	16,147	2.4
Green Peas 4/	2,844	.6	2,120	.4	2,227	.3
Sweet Corn 4/	1,392	.3	1,821	.3	2,363	.4
Other Vegetables	15,572	3.2	16,414	2.7	19,982	3.0
Fruits & Nuts	3,540	.7	3,499	.6	2,765	.4
Apples	2,840	.6	2,309	.4	2,110	.3
Peaches	170	--	660	.1	135	--
Misc. Fruits & Nuts	530	.1	530	.1	520	.1
Greenhouse & Nursery	30,000	6.1	31,500	5.3	32,000	4.8
Mushrooms	4,394	.9	3,651	.6	3,551	.5
Forest Products 5/	2,750	.6	2,250	.4	2,300	.3
<u>All Commodities</u>	489,691	100.0	597,441	100.0	666,738	100.0

1/ Estimates by Economic Research Service, USDA. 1987-88 revised, 1989 preliminary.

2/ Includes miscellaneous livestock, poultry and products, horses, etc.

3/ Includes seed and other field crops.

4/ Processing only.

5/ Not included in farm income computations on page 39.

Farm Income, Delaware 1984 - 1989¹

Item	1984	1985	1986	1987	1988	1989 ²
------	------	------	------	------	------	-------------------

Million Dollars

Gross Farm Income:						
Cash Receipts from Farm Marketings	525.5	492.1	520.0	486.7	598.1	664.4
Direct Government Payments ³	5.2	3.2	7.0	12.0	10.5	7.0
Non-Money items & Related Income	31.3	29.9	29.1	28.7	30.3	30.0
Inventory Change	-1.8	5.0	-1.3	-3.6	2.8	4.0
Total	560.2	530.2	554.4	524.0	641.7	705.4
Farm Production Expenses	426.4	417.2	389.6	384.3	425.9	448.0
Net Farm Income	133.8	113.0	165.2	139.7	215.8	257.4

¹ Source: Economic Research Service publication: "Economic Indicators of the Farm Sector." Cash receipts net CCC loans. Details may not add due to rounding.

² Forecast.

³ Includes cash payments and PIK entitlements.

Farm Expenses, Delaware, 1984 - 1989¹

Item	1984	1985	1986	1987	1988	1989 ²
------	------	------	------	------	------	-------------------

Million Dollars

Feed	167.9	162.7	159.0	158.0	175.0	
Livestock & Poultry Purchased	46.0	47.9	45.5	45.4	48.7	
Seed	7.6	7.4	6.6	6.6	6.9	
Fertilizer and Lime	23.1	19.3	14.2	13.1	17.2	
Fuels and Oil	12.2	11.2	8.2	7.6	7.7	
Interest						
Non-Real Estate	10.2	17.0	15.4	13.0	14.3	
Mortgage	16.6	14.6	13.5	12.7	14.4	
Hired Labor	19.5	19.7	19.8	21.6	22.4	
Repair and Operation	11.7	12.4	12.3	12.3	12.8	
Miscellaneous	61.3	56.8	53.6	55.7	60.8	
Depreciation	39.4	38.2	34.1	31.4	33.3	
Property Taxes	1.4	1.4	1.4	1.4	1.5	
Net Rent to Non-Operator Landlords	9.5	8.6	6.0	6.5	10.9	
Total	426.4	417.2	389.6	384.3	425.9	448.0

¹ Source: Economic Research Service publication: "Economic Indicators of the Farm Sector." Details may not add due to rounding.

² Forecast. Detail breakdown not yet available.

U.S. Farm Production Expenditures, 1989

Farm production expenditures totaled \$124.1 billion in 1989, up 4.9 percent from \$118.4 billion in 1988. Expenditures were higher for all major categories except farm and land improvements which decreased 6.3 percent and fuel which declined slightly. Farm services including rent, the largest 1989 expenditure by farmers at \$26.7 billion, accounted for 22 percent of the Nation's production expenses. This level was 0.7 percent above 1988. Feed expenses totaled \$18.2 billion and accounted for 15 percent of the U.S. total. Average expenditures per farm were \$57,478, an increase of \$2,522 from 1988.

Large farm (sales over \$100,000) expenditures averaged \$298,589 and accounted for nearly 70 percent of the U.S. total. Purchases of farm services, feed, labor, and livestock & poultry were major expenses (nearly 60 percent of the total) for operations with sales over \$100,000. The large farms accounted for more than one-half of the U.S. expenses for farm services, feed, livestock and poultry, labor, taxes, interest, fuels, farm & land improvements, farm machinery, and seeds.

Medium sized farm (sales of \$40,000-\$100,000) expenses averaged \$79,207 for 1989 and contributed 15 percent of the U.S. total. Leading expenditures for medium sized farms were farm services, feed, and farm machinery.

Small farm (sales less than \$40,000) expenditures averaged \$15,896 and accounted for 15 percent of the Nation's production expenses. The three leading expenditure categories for small farms were farm services, feed, and farm machinery.

Farm Production Expenditures, United States 1988 - 1989

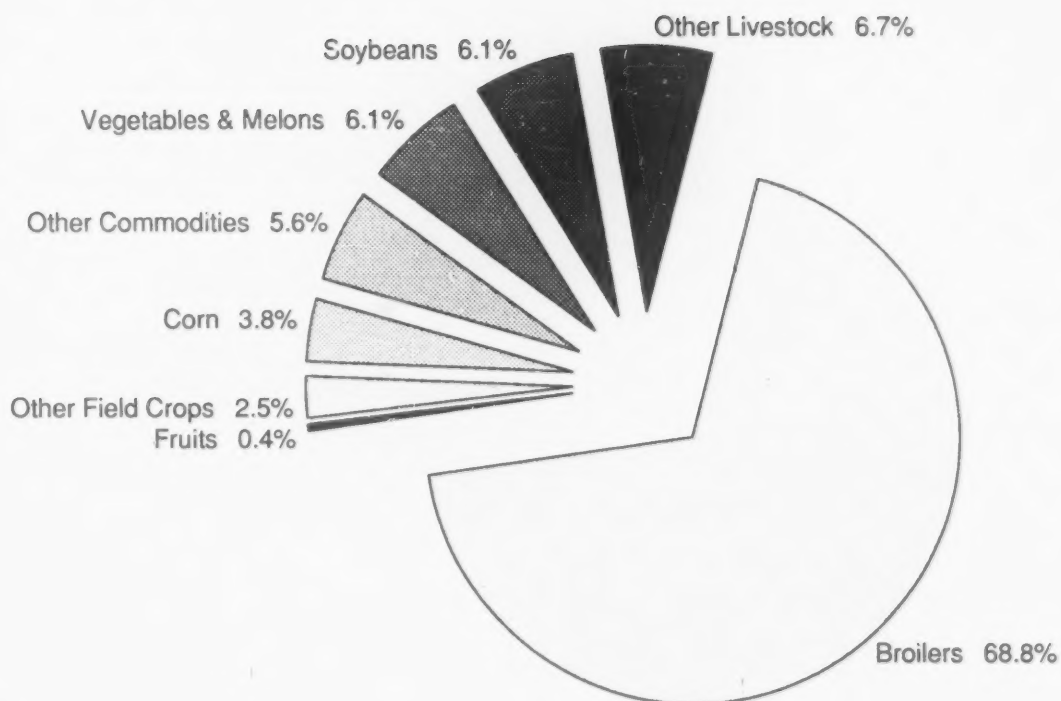
Expenditure Farm Share	U.S. Average Per Farm 1988	U.S. Average Per Farm 1989	U. S. Total Expenditures		Northeast U.S. Total Expenditures 1/	
			1988	1989	1988	1989
	<u>Dollars</u>		<u>Million Dollars</u>		<u>Million Dollars</u>	
Total Expenditures	54,956	57,478	118,362	124,124	7,861	8,430
Livestock & Poultry	6,318	6,468	13,607	14,019	590	465
Feed	8,318	8,408	17,915	18,225	1,553	1,924
Farm Services	11,436	12,335	24,630	26,739	1,237	1,352
Ag Chemicals & Sprays	1,792	2,098	3,859	4,548	187	208
Fertilizer	3,230	3,317	6,958	7,191	373	323
Interest	3,884	3,879	8,365	8,409	453	438
Taxes (Property)	1,824	1,930	3,928	4,183	302	359
Labor	4,747	5,448	10,224	11,340	1,077	1,217
Fuels & Lubricants	2,066	2,053	4,450	4,449	267	252
Farm Supplies	1,044	1,085	2,249	2,351	255	271
Building & Fencing	1,034	1,060	2,226	2,297	255	298
Farm & Land Improvements	438	408	943	883	67	64
Farm Machinery	5,340	5,937	11,501	12,869	904	857
Seeds & Plants	1,714	1,778	3,692	3,855	209	258
Trucks & Autos	956	982	2,058	2,129	101	136

1/ Includes Delaware, Maryland, New England, New Jersey, New York and Pennsylvania.

Delaware Cash Farm Receipts

Major Commodities

1989



Delaware Agricultural Statistics Service 6/90

Average Prices Received By Farmers, Delaware, 1985 - 1989

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Season Average
<u>Corn-Dollars Per Bushel</u>													
1985	2.95	2.94	2.93	3.02	2.96	2.92	2.72	2.58	2.37	2.29	2.40	2.58	2.45
1986	2.62	2.56	2.55	2.55	2.64	2.57	2.25	1.97	1.78	1.78	1.80	1.77	1.77
1987	1.74	1.70	1.72	1.79	1.96	2.01	1.85	1.75	1.90	1.99	2.03	2.08	2.05
1988	2.18	2.22	2.24	2.25	2.30	2.31	3.69	3.12	3.11	3.12	2.93	2.96	3.01
1989	3.01	2.93	2.93	2.87	2.91	2.84	2.85	2.65	2.53	2.58	2.61	2.65	2.65
<u>Barley-Dollars Per Bushel</u>													
1985	1.93	1.95	1.95	1.85	1.65	1.47	1.42	1.41	1.43	1.41	1.42	1.43	1.45
1986	1.43	1.40	1.55	1.32	1.34	1.25	1.17	1.17	1.14	1.20	1.30	1.40	1.35
1987	1.40	1.45	1.40	1.35	1.36	1.14	1.11	1.13	1.20	1.25	1.20	1.30	1.15
1988	1.45	1.60	1.54	1.59	1.72	1.67	1.96	1.90	2.09	2.15	2.15	2.07	1.83
1989	2.34	2.40	2.14	1.98	2.16	1.95	1.87	1.82	1.83	1.87	1.92	1.94	1.95
<u>Wheat-Dollars Per Bushel</u>													
1985	3.14	3.16	3.14	3.10	3.08	3.06	2.86	2.68	2.66	2.80	3.07	3.06	2.88
1986	3.30	3.20	3.25	3.21	3.05	2.45	2.40	2.34	2.43	2.56	2.50	2.92	2.44
1987	3.00	2.80	2.95	3.05	3.02	2.46	2.40	2.47	2.73	2.90	2.85	2.77	2.45
1988	3.00	2.86	2.76	2.92	2.80	3.43	3.52	3.47	3.73	3.80	3.83	3.93	3.57
1989	4.30	4.03	4.12	3.75	3.99	3.54	3.39	3.47	3.60	3.72	3.64	3.79	3.45
<u>Rye-Dollars Per Bushel</u>													
1985	2.69	2.29	2.35	2.38	2.19	2.04	2.04	2.05	2.05	2.33	2.50	2.54	2.10
1986	2.48	2.28	2.23	2.30	2.20	1.85	1.55	1.65	1.60	1.65	1.65	2.00	1.62
1987	1.98	1.85	1.75	1.70	2.12	1.80	1.73	1.65	1.75	1.80	1.80	1.90	1.75
1988	1.93	1.88	1.73	1.69	1.83	1.55	1.55	1.54	2.36	3.14	4.55	3.84	2.05
1989	4.50	3.87	4.55	3.58	3.61	3.22	2.88	2.81	2.85	2.98	2.97	2.61	2.85
<u>Soybeans-Dollars Per Bushel</u>													
1985	5.80	5.90	5.87	6.02	5.74	5.67	5.45	5.04	4.97	4.88	4.89	5.10	5.00
1986	5.28	5.15	5.30	5.10	5.07	4.92	4.85	4.64	4.63	4.60	4.86	4.82	4.84
1987	4.87	4.83	4.84	5.10	5.50	5.60	5.24	5.06	5.20	5.27	5.53	5.85	5.90
1988	6.11	6.12	6.18	6.63	7.18	8.79	8.62	8.37	8.47	7.80	7.51	7.56	7.56
1989	7.73	7.35	7.59	7.23	7.23	7.11	7.13	6.16	5.65	5.41	5.58	5.68	5.55
<u>All Hay-Dollars Per Ton</u>													
1985	93.00	96.00	87.00	91.00	83.00	82.00	83.00	84.00	83.00	81.00	82.00	83.00	84.00
1986	86.00	90.00	84.00	83.00	81.00	82.00	90.00	97.00	108.00	114.00	127.00	129.00	118.00
1987	124.00	130.00	125.00	118.00	114.00	91.00	93.00	97.00	102.00	101.00	106.00	106.00	99.00
1988	95.00	95.00	92.00	99.00	93.00	97.00	105.00	105.00	122.00	108.00	111.00	103.00	102.00
1989	100.00	95.00	97.00	95.00	96.00	96.00	87.00	81.00	96.00	94.00	103.00	95.00	92.50
<u>Alfalfa Hay-Dollars Per Ton</u>													
1985	105.00	115.00	100.00	110.00	95.00	92.00	91.00	96.00	95.00	93.00	95.00	95.00	96.00
1986	100.00	105.00	96.00	93.00	97.00	95.00	105.00	110.00	120.00	123.00	140.00	140.00	110.00
1987	136.00	140.00	135.00	130.00	125.00	98.00	102.00	111.00	120.00	115.00	118.00	120.00	121.00
1988	100.00	100.00	100.00	109.00	103.00	105.50	115.00	123.50	142.00	133.00	127.00	120.00	115.00
1989	123.50	106.50	114.00	105.50	111.50	107.50	98.00	97.00	116.00	119.50	112.50	110.00	
<u>All Other Hay-Dollars Per Ton</u>													
1985	86.00	85.50	79.00	81.00	77.00	75.00	77.00	73.50	73.00	70.50	72.00	72.50	74.00
1986	75.00	77.00	75.00	75.00	68.00	71.00	77.00	86.00	99.00	107.00	117.00	120.00	109.00
1987	115.00	121.00	116.00	109.00	105.00	85.00	85.00	85.00	88.00	90.00	97.00	95.00	89.00
1988	94.00	90.00	85.00	90.00	84.00	90.00	97.50	90.00	105.00	86.50	98.00	88.50	91.50
1989	81.00	85.50	82.50	87.00	82.50	86.00	78.50	67.00	79.50	74.00	95.00	82.00	88.10
<u>Beef Cattle-Dollars Per Cwt.</u>													
1985	50.40	52.30	51.80	50.10	48.50	46.40	45.80	43.80	42.40	42.70	49.20	48.20	47.60
1986	47.70	45.80	45.80	43.90	44.40	45.60	45.10	47.50	48.20	46.00	46.90	46.00	46.10
1987	47.70	50.10	51.30	54.20	56.70	58.40	55.60	54.00	55.90	56.50	57.60	54.70	54.20
1988	59.50	61.10	60.00	62.30	63.90	61.40	61.60	60.50	63.20	62.10	60.20	61.10	61.40
1989	54.80	56.50	56.50	54.80	59.20	56.70	57.10	58.10	54.80	58.10	56.80	59.10	62.80

Average Prices Received By Farmers, Delaware, 1985 - 1989

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Season Average 1/
<u>Steers And Heifers-Dollars Per Cwt.</u>													
1985	56.00	57.50	57.00	55.70	52.60	49.90	48.90	47.70	45.80	46.40	56.00	54.50	52.40
1986	52.70	50.00	51.00	48.70	50.00	49.70	50.00	53.00	54.00	51.00	52.00	51.20	51.10
1987	52.70	55.00	56.50	60.00	62.30	64.30	61.00	60.00	62.00	64.00	64.90	59.90	60.10
1988	65.80	67.90	66.30	68.40	70.00	69.00	68.70	66.40	74.50	68.60	65.90	68.10	68.30
1989	69.90	70.50	71.90	69.40	70.90	70.70	67.70	68.70	73.70	67.60	69.70	70.70	70.10
<u>Cows-Dollars Per Cwt. 2/</u>													
1985	39.80	42.60	42.00	39.80	41.00	39.80	39.90	36.50	36.00	35.80	36.50	36.60	38.80
1986	38.50	38.00	36.20	35.00	34.10	38.10	35.90	37.20	37.50	36.70	37.50	36.40	36.80
1987	38.50	40.90	41.50	43.50	46.40	47.30	45.50	41.00	44.70	42.50	44.00	45.00	43.30
1988	47.90	48.60	48.20	51.00	52.60	47.40	48.30	49.50	42.10	50.00	44.60	48.20	48.60
1989	46.80	48.70	47.70	47.30	51.60	49.60	51.50	49.10	47.30	49.80	49.90	50.50	49.10
<u>Calves-Dollars Per Cwt.</u>													
1985	64.00	66.00	65.00	63.90	66.00	64.70	58.70	55.10	56.00	60.20	62.00	59.50	61.80
1986	59.90	59.10	61.00	59.00	55.70	62.00	59.20	55.00	58.80	56.00	56.00	55.00	57.90
1987	56.60	58.00	60.00	63.00	73.00	72.10	74.20	76.00	73.30	74.00	71.20	73.50	67.80
1988	79.40	81.40	73.40	79.10	82.10	80.80	80.80	79.00	85.00	75.60	78.20	77.10	78.20
1989	83.70	81.00	77.50	83.70	75.30	92.50	76.60	77.50	75.70	79.30	73.50	73.00	79.10
<u>Hogs-Dollars Per Cwt.</u>													
1985	47.60	49.50	43.70	39.90	40.50	43.10	47.80	44.50	40.00	43.40	43.40	43.70	44.40
1986	45.00	43.90	40.00	39.30	43.20	48.30	57.50	57.70	59.10	51.30	52.60	52.40	48.40
1987	46.40	48.20	45.40	48.20	53.00	55.20	58.00	56.60	54.70	47.70	43.50	40.20	50.10
1988	41.70	46.30	43.30	42.60	44.40	47.90	44.60	46.40	41.40	39.80	38.30	37.10	42.10
1989	42.00	38.80	39.00	35.90	38.00	44.10	45.40	44.80	42.50	45.30	44.90	47.10	41.90
<u>Broilers-Cents Per Pound</u>													
1985	35.0	35.0	31.5	30.5	33.5	35.0	33.0	32.5	34.0	31.0	34.5	31.5	33.0
1986	34.6	32.0	33.5	33.5	37.0	39.5	45.5	45.0	40.5	42.0	37.0	31.0	37.5
1987	33.0	32.5	30.0	31.0	31.0	28.5	29.5	35.0	29.5	26.0	29.0	27.0	30.5
1988	29.5	28.5	32.0	30.5	39.0	42.0	42.0	45.0	47.0	39.0	37.0	39.0	36.5
1989	40.0	39.0	41.0	42.0	49.0	46.0	41.0	38.0	41.0	33.0	34.0	31.0	40.5
<u>Chickens, Excluding Broilers-Cents Per Pound</u>													
1985	11.0	13.0	12.0	11.0	15.0	16.0	19.0	20.0	20.0	17.0	25.0	17.0	15.0
1986	14.0	12.0	9.0	9.0	10.0	8.0	14.0	15.0	13.0	20.0	21.0	19.0	13.0
1987	18.0	15.0	12.0	9.0	6.0	5.0	7.0	11.0	12.0	10.0	13.0	5.0	11.0
1988	4.2	4.1	4.5	5.5	3.5	3.5	8.5	21.0	19.5	19.0	20.0	15.0	9.0
1989	13.5	16.5	20.5	22.0	19.0	14.5	13.5	16.5	13.5	16.0	20.6	8.3	17.0
<u>All Eggs, Cents Per Dozen 3/</u>													
1985	97.0	94.0	96.0	99.0	97.0	98.0	95.0	99.0	97.0	101.0	100.0	99.0	98.0
1986	99.0	94.0	101.0	95.0	93.0	93.0	101.0	102.0	102.0	100.0	102.0	106.0	98.0
1987	99.0	98.0	97.0	99.0	98.0	97.0	99.0	100.0	104.0	98.0	103.0	94.0	101.0
1988	86.0	91.0	107.0	111.0	111.0	106.0	113.0	114.0	109.0	112.0	112.0	106.0	106.0
1989	107.0	112.0	113.0	110.0	114.0	114.0	114.0	116.0	109.0	109.0	114.0		111.0

1/ See marketing seasons at the end of table.

2/ Includes cull dairy cows sold for slaughter, but not dairy cows for herd replacement.

3/ Includes table eggs and hatching eggs.

Marketing Season For Delaware Commodities

Apples	July 1 to June 30	Rye	July 1 to June 30
Soybeans	Sept. 1 to Aug. 31	Soybeans	Sept. 1 to Aug. 31
Barley	June 1 to May 31	Wheat	June 1 to May 31
Corn for grain	Sept. 1 to Aug. 31		
Hay	June 1 to May 31	Cattle & Calves	Jan. 1 to Dec. 31
Oats	June 1 to May 31	Hogs	Dec. 1 to Nov. 30
Peaches	July 1 to Sept. 30	Poultry	Dec. 1 to Nov. 30
Potatoes	July - Dec. current year	Eggs	Dec. 1 to Nov. 30

County Summary Highlights, December, 1987 1/

Item	New Castle	Kent	Sussex
Farms, Number	380	857	1,729
Land in Farms, Acres	93,998	201,444	312,803
Farms by Size:			
1 to 9 Acres	35	73	406
10 to 49 Acres	114	251	502
50 to 179 Acres	98	268	422
180 to 499 Acres	78	162	241
500 to 999 Acres	30	57	101
1,000 Acres or More	25	46	57
Total Cropland, Farms	363	791	1,243
Total Cropland, Acres	78,162	170,377	252,751
Irrigated Land, Farms	44	113	227
Irrigated Land, Acres	2,063	18,521	40,228
Farms by Value of Sales:			
Less than \$2,500	107	199	234
\$2,500 to \$4,999	37	115	118
\$5,000 to \$9,999	40	111	146
\$10,000 to \$24,999	55	101	124
\$25,000 to \$49,000	36	86	92
\$50,000 to \$99,999	41	59	157
\$100,000 or More	64	186	858
Operators by Principal Occupation			
Farming	211	483	1,080
Other	169	374	649
Livestock - Cattle & Calves Inventory			
Number of Farms	83	226	152
Number of Cattle & Calves	4,619	16,179	10,393
Livestock - Beef Cows Inventory			
Number of Farms	37	82	97
Number of Beef Cows	374	788	1,025
Livestock - Milk Cows Inventory			
Number of Farms	20	113	36
Number of Milk Cows	1,750	5,473	2,172
Livestock - Hogs & Pigs Inventory			
Number of Farms	15	97	189
Number of Hogs & Pigs	1,079	5,958	42,677

1/ Selected data from the 1987 Census of Agriculture, Bureau of the Census, U.S. Department of Commerce.

Total Commercial Fertilizers
Consumption In Delaware 1/

July 1 1987 - June 30, 1988 2/	July 1, 1988 - June 30, 1989
--------------------------------	------------------------------

----- Nutrient Tons -----

Mixtures		
N	4,629	5,374
P ₂ O ₅	5,609	5,980
K ₂ O	6,338	7,407
Total	16,576	18,760

Mixtures and Materials Combined		
N	15,738	17,390
P ₂ O ₅	5,800	6,329
K ₂ O	12,294	14,323
Total	33,832	38,041

1/ Source: National Fertilizer Development Center, Tennessee Valley Authority.
2/ Revised.

Commercial Fertilizer, Direct Application Materials
Years Ended June 30, 1988 - 1989 1/

Fertilizer	Delaware		United States	
	1988 2/	1989	1988 2/	1989

----- Tons -----

Ammonia				
Anhydrous	46	0	4,599,472	4,634,492
Ammonium				
Nitrate	1,137	2,109	1,768,719	1,912,046
Sulfate	6,447	5,132	751,922	823,242
Nitrogen				
Solutions	27,511	33,300	7,272,282	7,124,025
Sodium Nitrate	16	24	34,388	39,852
Urea	452	398	3,331,248	3,391,587
Superphosphates				
Under 22%	0	0	18,943	26,786
Over 22%	412	673	636,436	580,937
Other Phosphate	2	75	157,802	199,673
Potassium				
Chloride				
60% and 62%	9,874	11,213	5,081,978	4,873,373
Potassium				
Sulfate 50% K ₂ O	11	4	99,026	103,585
Other Potassium	98	1,253	248,712	288,642

1/ Source: National Fertilizer Development Center, Tennessee Valley Authority.
2/ Revised.

Percent Probability Of Last 32 Degree F. Temperature
Occurring On Or After Date In Spring

Station	10% 1 Yr. In 10	33% 1 Yr. In 3	50% 1 Yr. In 2	67% 2 Yrs. In 3	90% 9 Yrs. In 10
Wilmington	Apr 24	Apr 16	Apr 12	Apr 08	Mar 31
Newark	May 10	Apr 29	Apr 23	Apr 17	Apr 06
Dover	Apr 19	Apr 12	Apr 08	Apr 04	Mar 28
Georgetown	May 06	Apr 27	Apr 22	Apr 17	Apr 08

Percent Probability Of First 32 Degree F. Temperature
Occurring on Or Before Date In Fall

Station	10% 1 Yr. In 10	33% 1 Yr. In 3	50% 1 Yr. In 2	67% 2 Yrs. In 3	90% 9 Yrs. In 10
Wilmington	Oct 15	Oct 24	Oct 29	Nov 03	Nov 12
Newark	Oct 05	Oct 15	Oct 20	Oct 25	Nov 03
Dover	Oct 14	Oct 22	Oct 27	Nov 01	Nov 09
Georgetown	Oct 02	Oct 11	Oct 16	Oct 21	Oct 30

Precipitation: Monthly And Annual By County & State, With Departures, 1989 Delaware 1/

Month	New Castle		Kent		Sussex		State	
	Total Precip.	Departure Fr. Normal	Total Precip.	Departure Fr. Normal	Total Precip.	Departure Fr. Normal	Total Precip.	Departure Fr. Normal
January	2.80	-0.33	3.35	+0.11	2.66	-0.77	2.90	-0.42
February	3.13	+0.26	4.18	+1.32	2.86	-0.37	3.33	+0.27
March	4.50	+0.73	6.31	+2.44	8.06	+4.27	6.95	+3.14
April	2.94	-0.60	5.05	+1.84	5.53	+2.16	4.97	+1.62
May	7.05	+3.69	7.53	+4.03	3.81	+0.31	5.51	+2.03
June	5.85	+2.16	9.13	+5.52	5.39	+1.30	6.66	+2.79
July	13.69	+9.69	6.24	+1.97	8.70	+3.63	8.69	+4.04
August	2.49	-1.68	6.11	+0.99	6.70	+2.29	5.86	+1.26
September	4.83	+1.24	7.64	+3.50	6.59	+3.08	6.65	+2.93
October	4.79	+1.62	3.73	+0.17	4.02	+0.82	4.05	+0.74
November	2.09	-1.29	2.20	-1.33	3.61	+0.51	2.92	-0.36
December	1.27	-2.28	1.35	-2.18	1.65	-1.89	1.49	-2.05
Annual Total	55.43		62.82		59.58		59.98	
Departure From Normal		+13.21		+18.38		+15.34		+15.99

Temperatures: Monthly & Annual Average By County & State, With Departures, 1989
Delaware 1/

Month	New Castle		Kent		Sussex		State	
	Average Temp.	Departure Fr. Normal	Average Temp.	Departure Fr. Normal	Average Temp.	Departure Fr. Normal	Average Temp.	Departure Fr. Normal
January	36.3	+4.7	39.8	+5.4	40.2	+6.5	39.5	+5.9
February	34.7	+1.2	38.1	+1.7	37.6	+1.6	37.3	+1.6
March	42.0	0.0	42.9	-1.4	44.8	+1.0	43.8	+0.1
April	51.5	-1.2	52.3	-2.5	53.8	0.0	53.0	-0.9
May	62.0	-0.4	62.8	-1.4	62.3	-0.7	62.4	-0.9
June	73.7	+2.5	75.1	+2.5	75.9	+4.5	75.3	+3.5
July	75.6	-0.1	77.2	+0.2	76.6	+0.7	76.6	+0.4
August	74.2	+0.3	75.9	+0.1	75.4	+0.6	75.4	+0.3
September	68.4	+0.6	70.7	+1.1	70.8	+2.2	70.4	+1.6
October	58.0	+1.6	59.7	+1.1	59.8	+2.2	59.5	+1.8
November	44.7	-1.1	47.8	-0.4	48.5	+0.7	47.7	+0.1
December	24.9	-10.8	27.6	-10.8	28.0	-10.2	27.4	-10.5
Annual Avg.	53.8		55.8		56.1		55.6	
Departure From Normal		-0.3		+0.3		+0.7		+0.1

1/ Source: National Climatic Data Center, National Oceanic & Atmospheric Administration.

Delaware Agricultural Statistics Service

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